

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031422\
 Data File : BF127313.D
 Acq On : 14 Mar 2022 11:16
 Operator : CG\JU
 Sample : N1645-03
 Misc : MDL-MDL-SOIL 8ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

Quant Time: Mar 14 12:19:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 14 12:19:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	118191	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	419505	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	242321	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	428953	20.000	ng	0.00
76) Chrysene-d12	14.045	240	343531	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	262932	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	982264	133.602	ng	0.00
7) Phenol-d6	6.510	99	1382224	136.664	ng	0.00
23) Nitrobenzene-d5	7.440	82	791200	77.890	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	363111	139.199	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1301744	75.949	ng	0.00
79) Terphenyl-d14	12.992	244	1470947	73.731	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	23647	6.203	ng	# 83
3) Pyridine	3.510	79	62715	6.182	ng	# 86
4) n-Nitrosodimethylamine	3.387	42	33443	5.950	ng	# 67
6) Aniline	6.540	93	109512	9.060	ng	96
8) 2-Chlorophenol	6.657	128	60858	8.001	ng	94
9) Benzaldehyde	6.428	77	60576	10.275	ng	92
10) Phenol	6.516	94	87316	7.859	ng	# 58
11) bis(2-Chloroethyl)ether	6.610	93	69874	8.469	ng	94
12) 1,3-Dichlorobenzene	6.810	146	70481	8.255	ng	98
13) 1,4-Dichlorobenzene	6.887	146	72230	8.433	ng	98
14) 1,2-Dichlorobenzene	7.040	146	64926	8.054	ng	95
15) Benzyl Alcohol	7.010	79	59931	7.906	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	7.140	45	125148	8.083	ng	98
17) 2-Methylphenol	7.116	107	55716	8.617	ng	94
18) Hexachloroethane	7.375	117	26649	8.100	ng	# 84
19) n-Nitroso-di-n-propyla...	7.275	70	52026	8.243	ng	# 88
20) 3+4-Methylphenols	7.275	107	68637	8.185	ng	# 52
22) Acetophenone	7.275	105	94650	8.241	ng	# 89
24) Nitrobenzene	7.451	77	80045	8.331	ng	93
25) Isophorone	7.687	82	138597	8.485	ng	98
26) 2-Nitrophenol	7.769	139	31777	7.987	ng	# 85
27) 2,4-Dimethylphenol	7.798	122	56248	9.417	ng	97
28) bis(2-Chloroethoxy)met...	7.892	93	85017	8.215	ng	99
29) 2,4-Dichlorophenol	8.010	162	53726	7.854	ng	96
30) 1,2,4-Trichlorobenzene	8.092	180	63718	8.171	ng	95
31) Naphthalene	8.175	128	191929	8.577	ng	99
32) Benzoic acid	7.892	122	18455	4.979	ng	89
33) 4-Chloroaniline	8.222	127	75406	8.693	ng	93
34) Hexachlorobutadiene	8.281	225	39976	7.688	ng	97
35) Caprolactam	8.569	113	16100	7.879	ng	91
36) 4-Chloro-3-methylphenol	8.704	107	58117	7.839	ng	98
37) 2-Methylnaphthalene	8.863	142	128365	8.779	ng	98
38) 1-Methylnaphthalene	8.963	142	119819	8.524	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	65082	8.484	ng	# 93
41) Hexachlorocyclopentadiene	9.010	237	15504	5.751	ng	96
43) 2,4,6-Trichlorophenol	9.145	196	36159	7.468	ng	99

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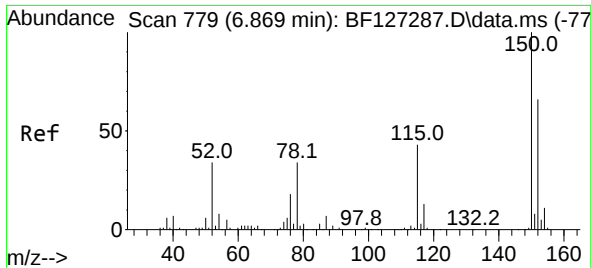
Quant Time: Mar 14 12:19:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 14 12:19:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	36159	7.037	ng	93
46) 1,1'-Biphenyl	9.328	154	160764	8.790	ng	99
47) 2-Chloronaphthalene	9.351	162	119265	8.377	ng	99
48) 2-Nitroaniline	9.451	65	42712	7.797	ng	87
49) Acenaphthylene	9.769	152	197905	9.084	ng	99
50) Dimethylphthalate	9.622	163	136143	7.841	ng	99
51) 2,6-Dinitrotoluene	9.692	165	29230	8.322	ng	96
52) Acenaphthene	9.939	154	107736	8.296	ng	97
53) 3-Nitroaniline	9.863	138	29538	7.717	ng	96
54) 2,4-Dinitrophenol	9.981	184	6657	3.846	ng	85
55) Dibenzofuran	10.116	168	166734	8.264	ng	96
56) 4-Nitrophenol	10.033	139	14784	6.355	ng	82
57) 2,4-Dinitrotoluene	10.098	165	37453	8.104	ng #	93
58) Fluorene	10.457	166	126883	8.110	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	30008	7.027	ng #	80
60) Diethylphthalate	10.328	149	126766	8.004	ng	95
61) 4-Chlorophenyl-phenyle...	10.445	204	67896	8.008	ng	89
62) 4-Nitroaniline	10.475	138	28820	7.556	ng #	79
63) Azobenzene	10.610	77	145906	8.014	ng	91
65) 4,6-Dinitro-2-methylph...	10.510	198	14851	5.615	ng	90
66) n-Nitrosodiphenylamine	10.569	169	109574	8.225	ng	98
67) 4-Bromophenyl-phenylether	10.939	248	39128	7.567	ng	92
68) Hexachlorobenzene	11.004	284	44597	7.914	ng	92
69) Atrazine	11.092	200	39365	8.563	ng	94
70) Pentachlorophenol	11.210	266	11411	5.015	ng	96
71) Phenanthrene	11.422	178	187297	8.271	ng	99
72) Anthracene	11.475	178	192543	8.586	ng	99
73) Carbazole	11.633	167	169181	8.011	ng	97
74) Di-n-butylphthalate	11.951	149	198055	8.018	ng	99
75) Fluoranthene	12.616	202	211101	8.338	ng	93
77) Benzidine	12.739	184	85275	9.761	ng #	96
78) Pyrene	12.845	202	213932	7.995	ng	100
80) Butylbenzylphthalate	13.457	149	74332	7.218	ng #	88
81) Benzo(a)anthracene	14.033	228	180389	7.799	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	58052	8.072	ng #	96
83) Chrysene	14.069	228	170209	7.911	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	107543	7.758	ng #	98
85) Di-n-octyl phthalate	14.621	149	157698	7.516	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	105053	6.632	ng #	87
88) Benzo(b)fluoranthene	15.092	252	140859	8.162	ng #	90
89) Benzo(k)fluoranthene	15.121	252	141205	8.701	ng #	94
90) Benzo(a)pyrene	15.468	252	126041	9.274	ng #	93
91) Dibenzo(a,h)anthracene	17.045	278	94102	7.138	ng #	91
92) Benzo(g,h,i)perylene	17.486	276	89704	6.976	ng #	85

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

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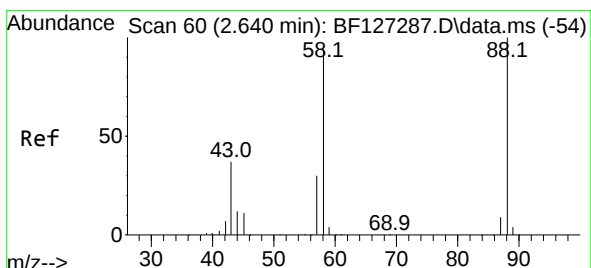
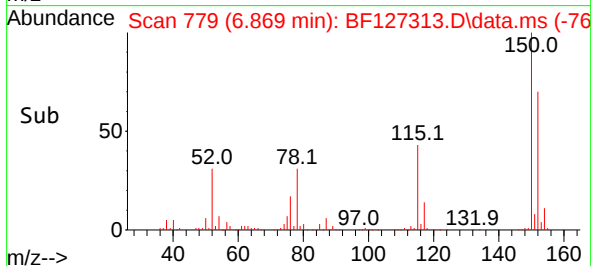
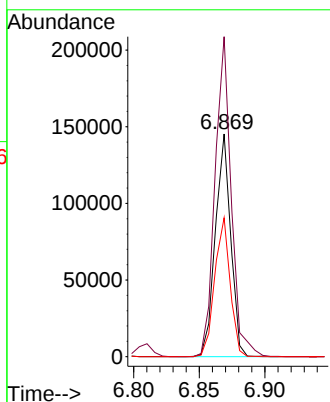
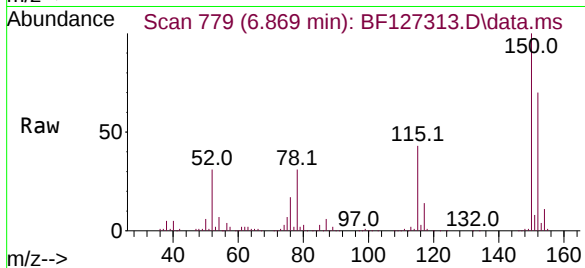




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF127313.D
 Acq: 14 Mar 2022 11:16

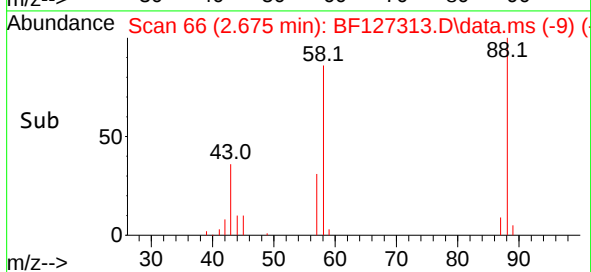
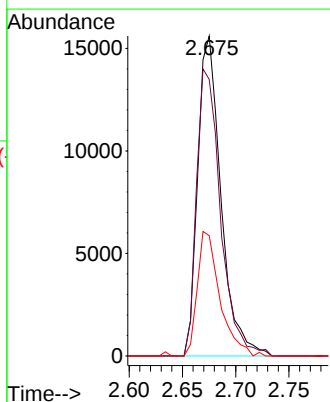
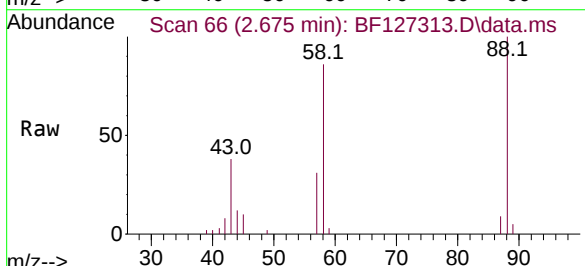
Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

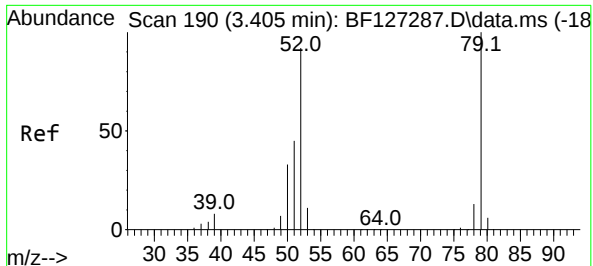
Tgt Ion:152 Resp: 118191
 Ion Ratio Lower Upper
 152 100
 150 143.7 128.1 192.1
 115 62.4 56.7 85.1



#2
 1,4-Dioxane
 Concen: 6.203 ng
 RT: 2.675 min Scan# 66
 Delta R.T. 0.035 min
 Lab File: BF127313.D
 Acq: 14 Mar 2022 11:16

Tgt Ion: 88 Resp: 23647
 Ion Ratio Lower Upper
 88 100
 58 92.7 62.8 94.2
 43 37.8 22.3 33.5#

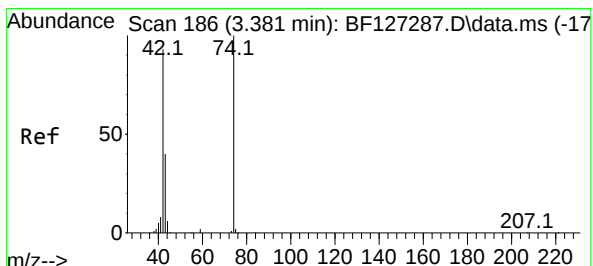
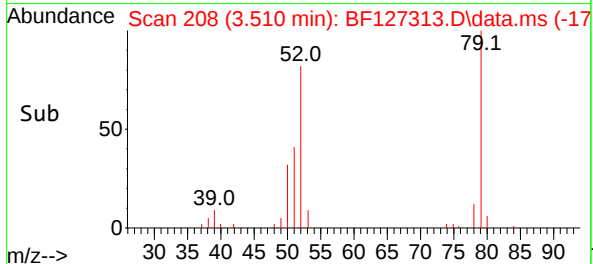
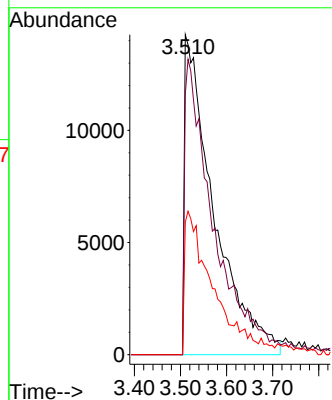
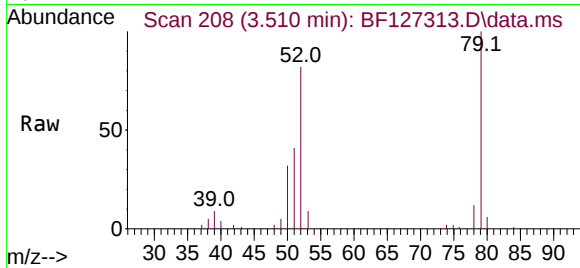




#3
Pyridine
Concen: 6.182 ng
RT: 3.510 min Scan# 20
Delta R.T. 0.106 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

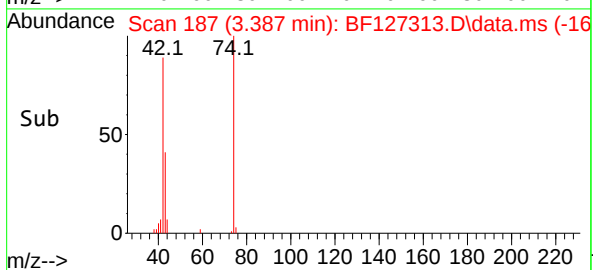
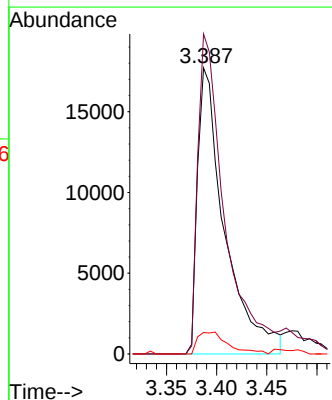
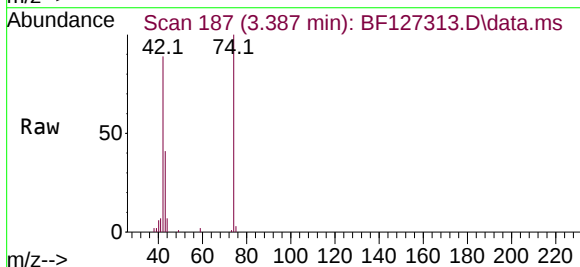
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2022

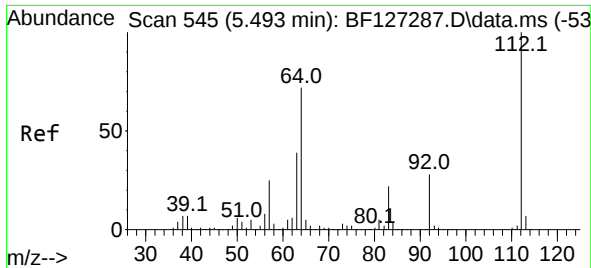
Tgt Ion: 79 Resp: 62715
Ion Ratio Lower Upper
79 100
52 81.6 56.2 84.4
51 41.5 26.7 40.1#



#4
n-Nitrosodimethylamine
Concen: 5.950 ng
RT: 3.387 min Scan# 187
Delta R.T. 0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

Tgt Ion: 42 Resp: 33443
Ion Ratio Lower Upper
42 100
74 111.8 125.6 188.4#
44 7.5 5.7 8.5

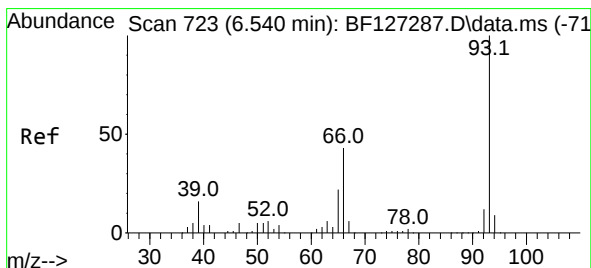
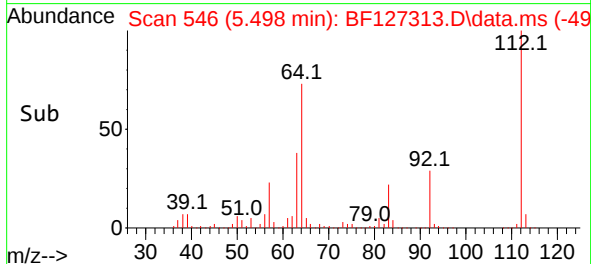
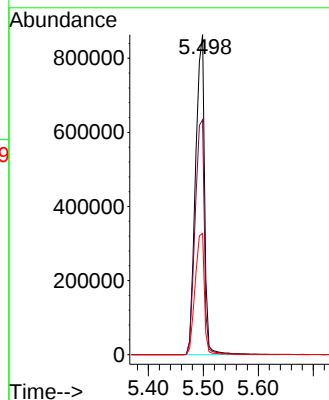
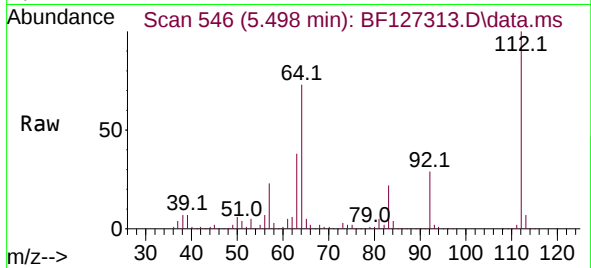




#5
2-Fluorophenol
Concen: 133.602 ng
RT: 5.498 min Scan# 54
Delta R.T. 0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

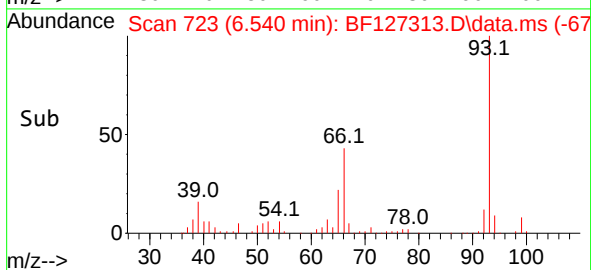
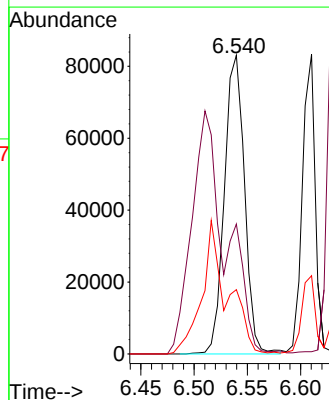
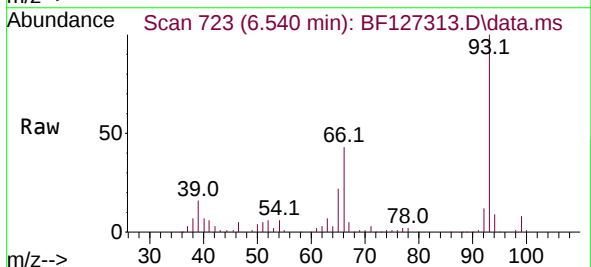
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ClientSampleId :
MDL-SOIL-03-QT1-2022

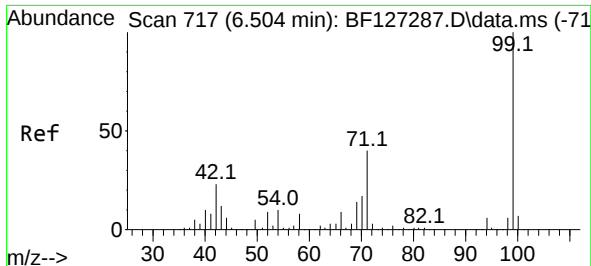
Tgt Ion:112 Resp: 982264
Ion Ratio Lower Upper
112 100
64 73.4 49.5 74.3
63 37.9 23.9 35.9#



#6
Aniline
Concen: 9.060 ng
RT: 6.540 min Scan# 723
Delta R.T. -0.000 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

Tgt Ion: 93 Resp: 109512
Ion Ratio Lower Upper
93 100
66 43.5 32.2 48.4
65 21.5 16.3 24.5





#7

Phenol-d6

Concen: 136.664 ng

RT: 6.510 min Scan# 717

Delta R.T. 0.006 min

Lab File: BF127313.D

Acq: 14 Mar 2022 11:16

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT1-2022

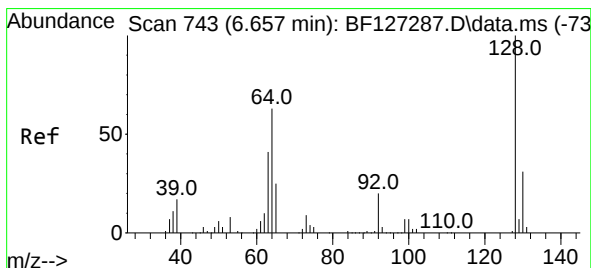
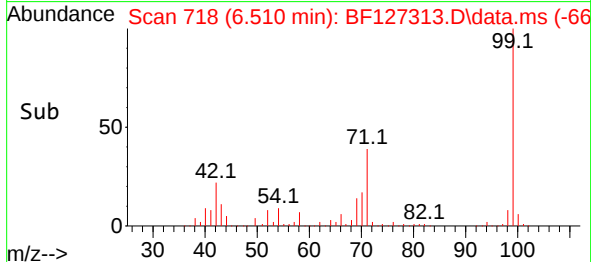
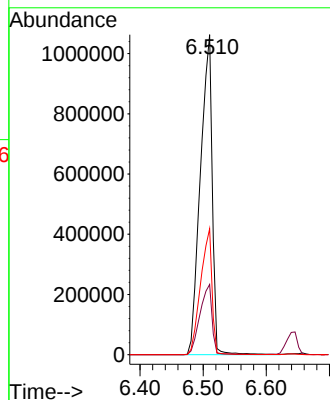
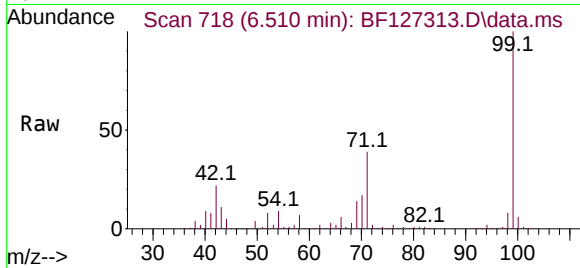
Tgt Ion: 99 Resp: 1382224

Ion Ratio Lower Upper

99 100

42 21.9 14.2 21.4#

71 39.3 24.3 36.5#



#8

2-Chlorophenol

Concen: 8.001 ng

RT: 6.657 min Scan# 743

Delta R.T. -0.000 min

Lab File: BF127313.D

Acq: 14 Mar 2022 11:16

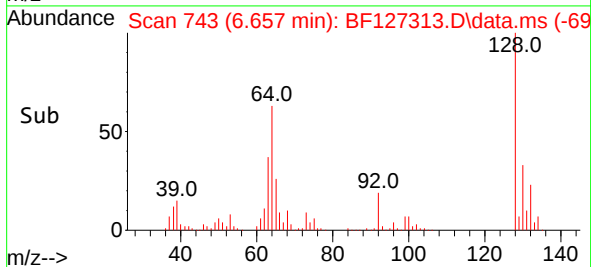
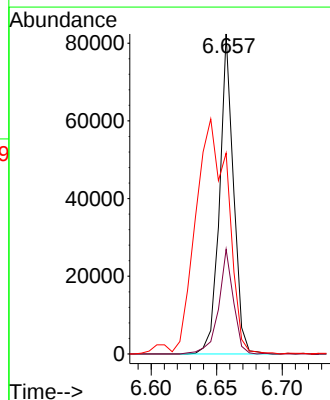
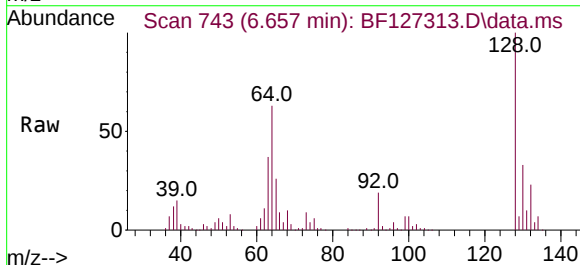
Tgt Ion:128 Resp: 60858

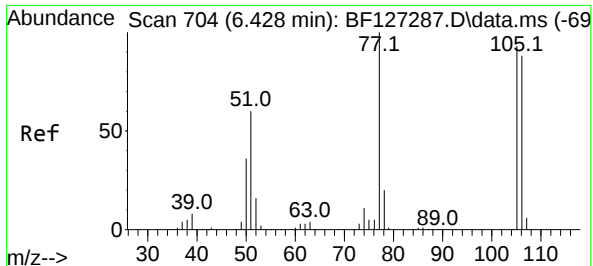
Ion Ratio Lower Upper

128 100

130 32.7 12.7 52.7

64 62.8 35.6 75.6

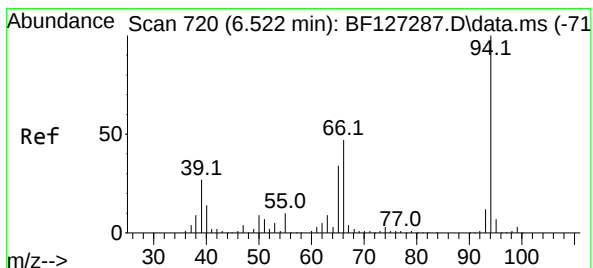
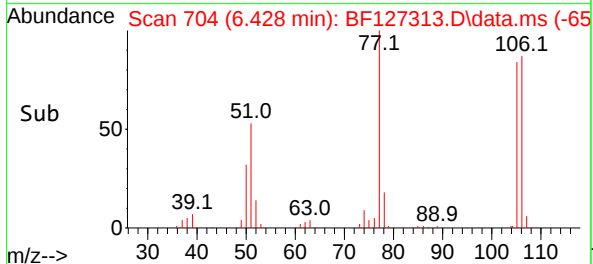
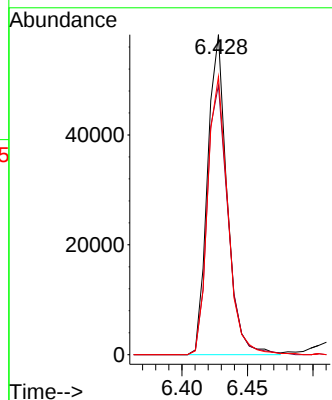
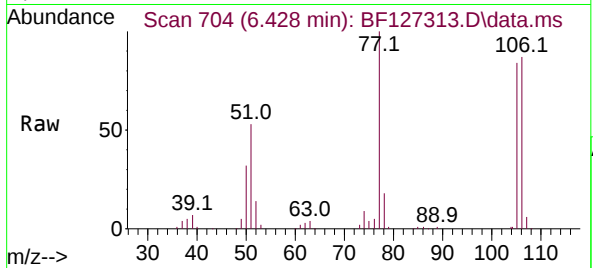




#9
Benzaldehyde
Concen: 10.275 ng
RT: 6.428 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

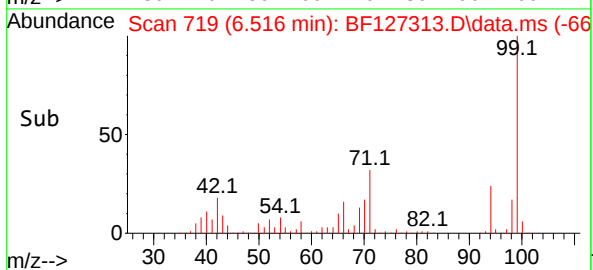
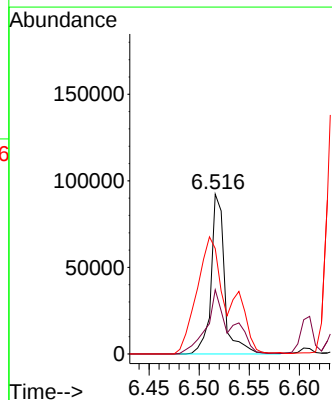
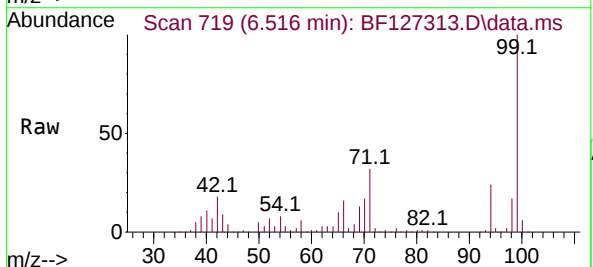
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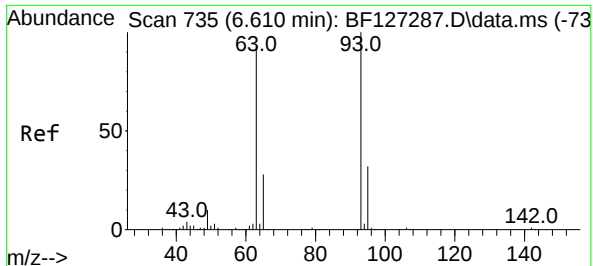
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Ion Ratio Lower Upper
77 100
105 84.2 74.9 114.9
106 86.9 72.4 112.4



#10
Phenol
Concen: 7.859 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

Tgt Ion: 94 Resp: 87316
Ion Ratio Lower Upper
94 100
65 40.2 7.2 47.2
66 66.0 14.5 54.5#

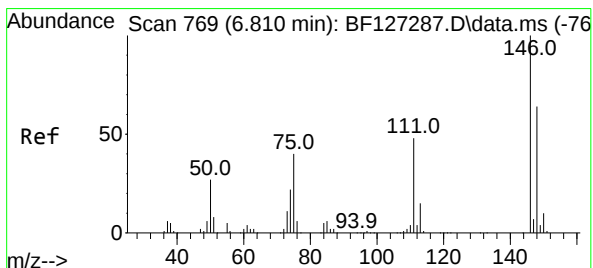
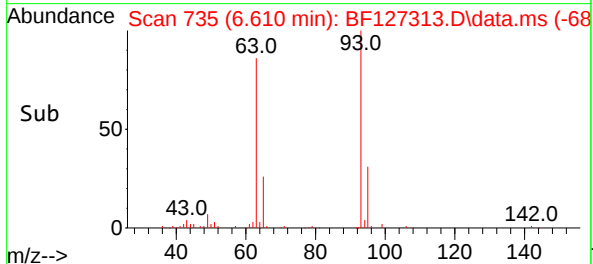
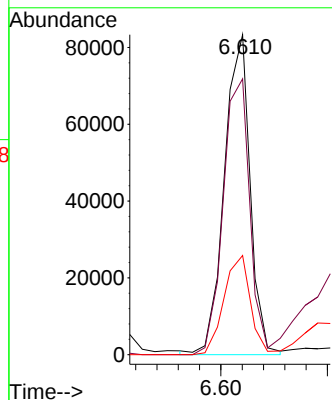
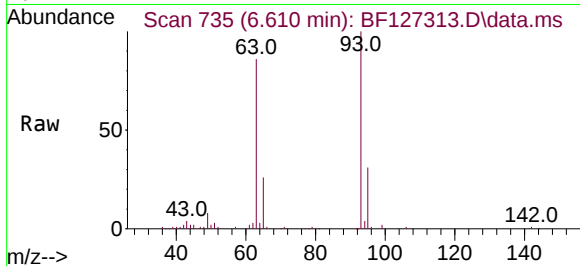




#11
bis(2-Chloroethyl)ether
Concen: 8.469 ng
RT: 6.610 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

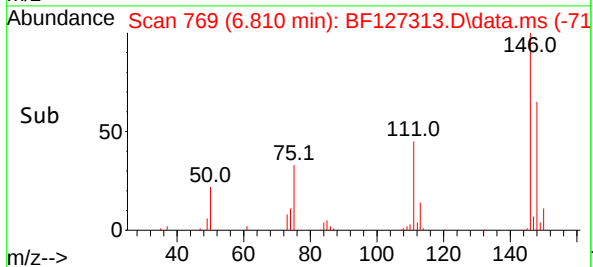
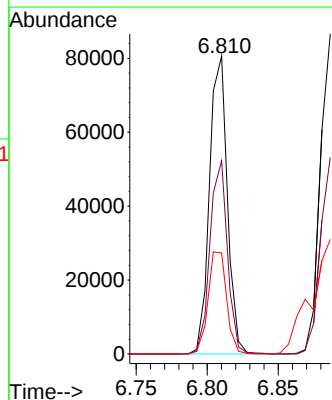
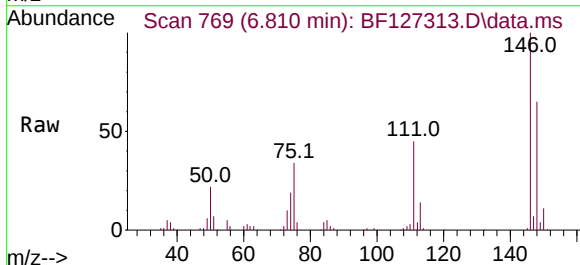
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2022

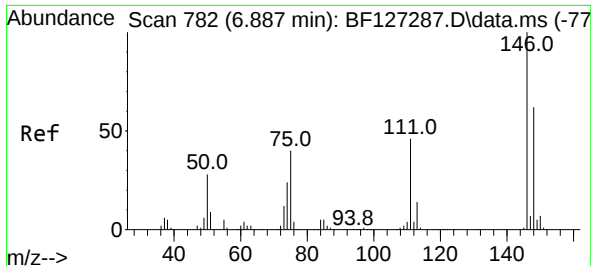
Tgt Ion: 93	Resp: 69874
Ion Ratio	Lower Upper
93 100	
63 86.2	60.5 100.5
95 31.0	12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 8.255 ng
RT: 6.810 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

Tgt Ion:146	Resp: 70481		
Ion Ratio	Lower	Upper	
146 100			
148 64.9	50.9	76.3	
75 33.9	28.4	42.6	

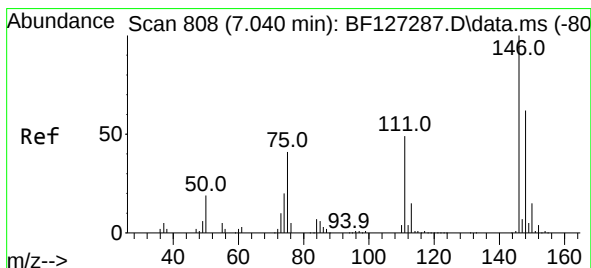
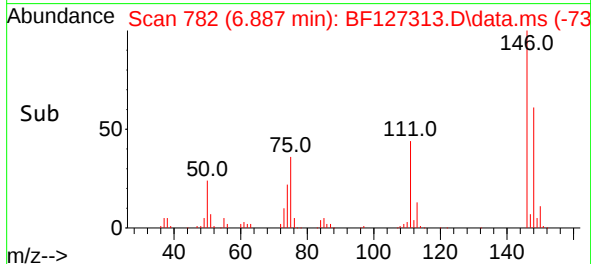
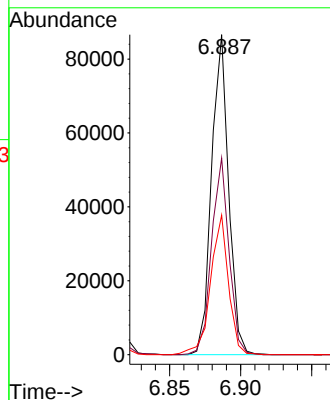
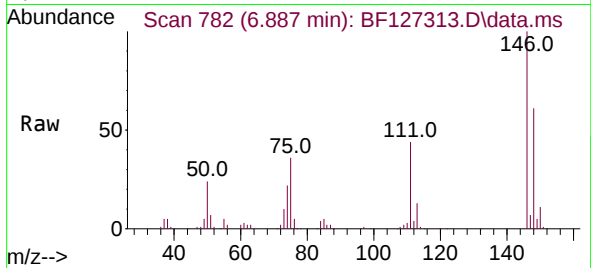




#13
1,4-Dichlorobenzene
Concen: 8.433 ng
RT: 6.887 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

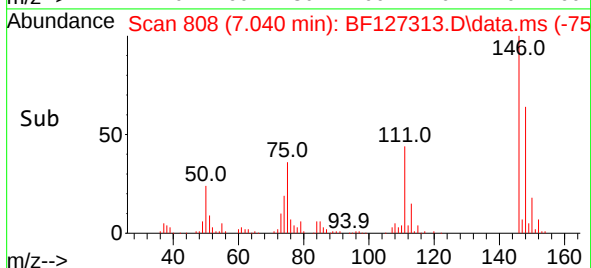
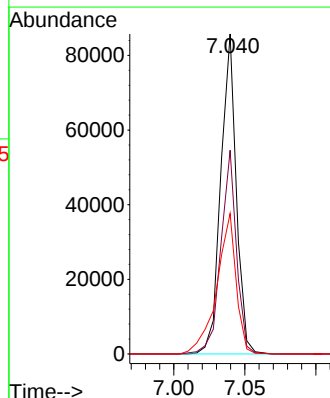
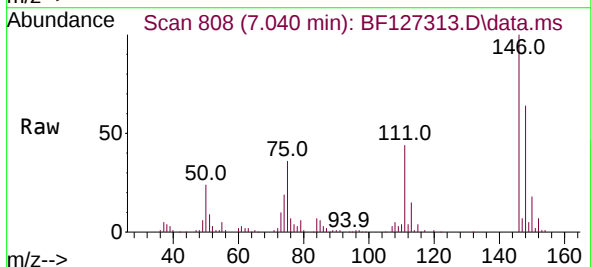
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2022

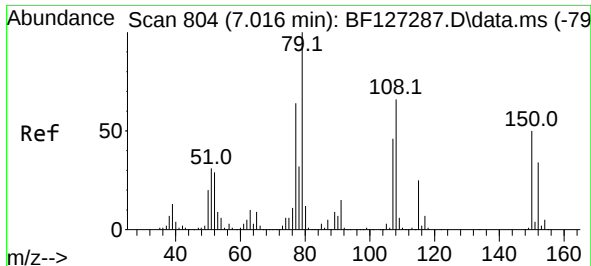
Tgt Ion:146 Resp: 72230
Ion Ratio Lower Upper
146 100
148 61.5 49.8 74.6
111 43.6 36.1 54.1



#14
1,2-Dichlorobenzene
Concen: 8.054 ng
RT: 7.040 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

Tgt Ion:146 Resp: 64926
Ion Ratio Lower Upper
146 100
148 63.7 51.6 77.4
111 43.9 40.2 60.2





#15

Benzyl Alcohol

Concen: 7.906 ng

RT: 7.010 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF127313.D

Acq: 14 Mar 2022 11:16

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT1-2022

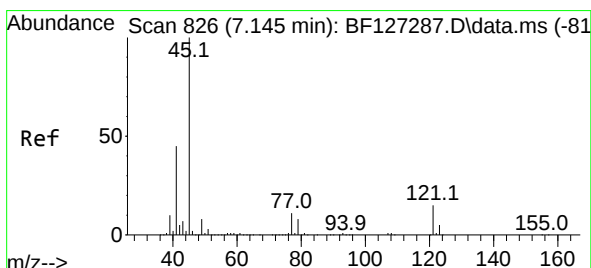
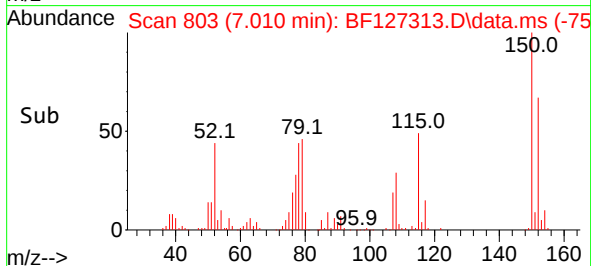
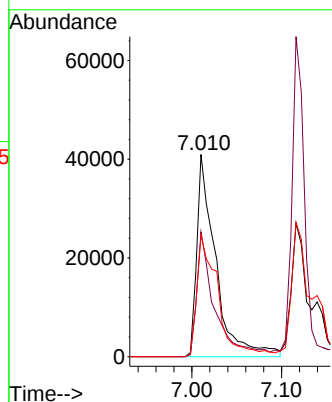
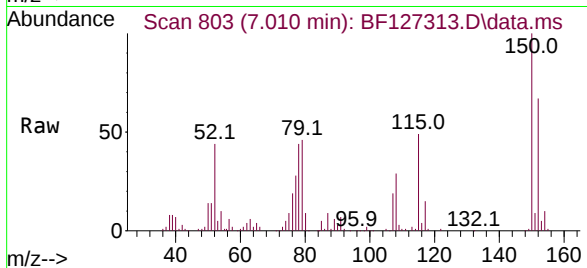
Tgt Ion: 79 Resp: 59931

Ion Ratio Lower Upper

79 100

108 61.7 63.2 94.8#

77 60.2 49.4 74.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.083 ng

RT: 7.140 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF127313.D

Acq: 14 Mar 2022 11:16

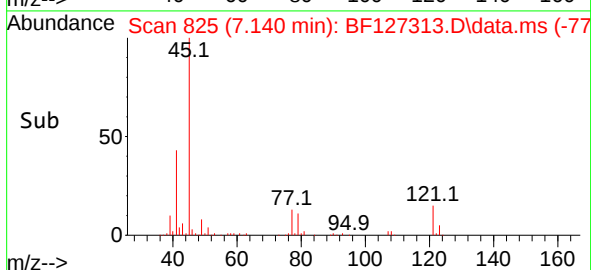
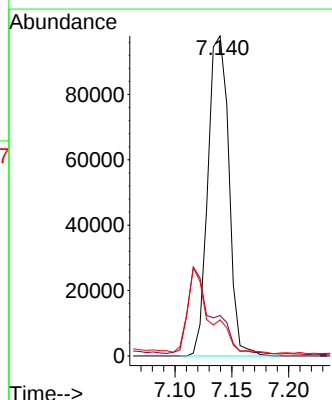
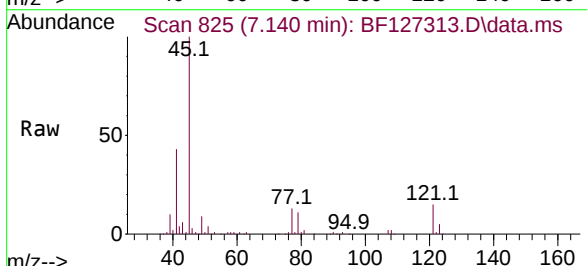
Tgt Ion: 45 Resp: 125148

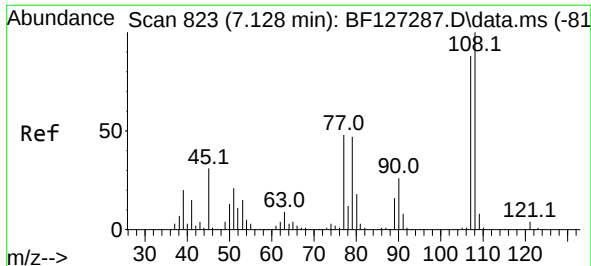
Ion Ratio Lower Upper

45 100

77 12.6 0.0 32.4

79 11.3 0.0 29.8

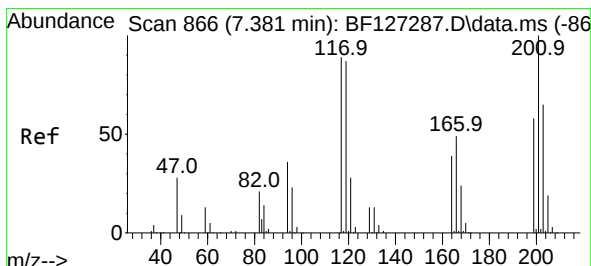
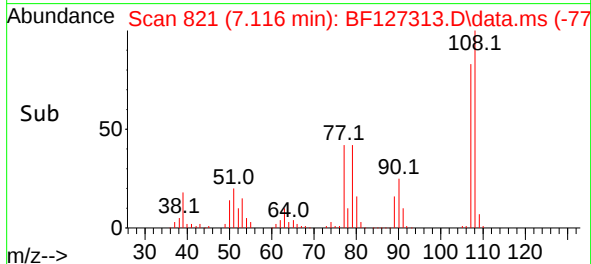
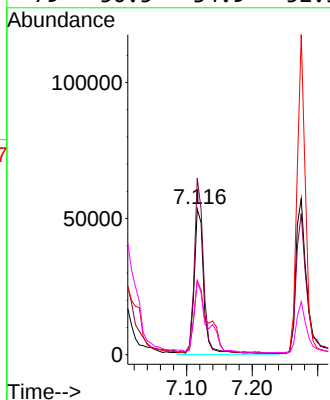
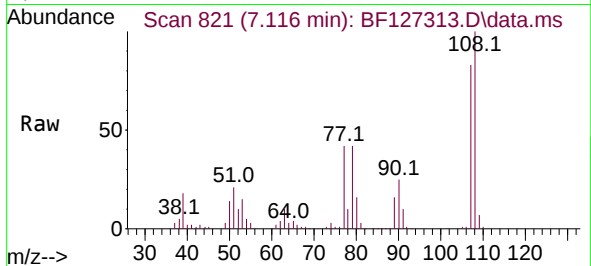




#17
2-Methylphenol
Concen: 8.617 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

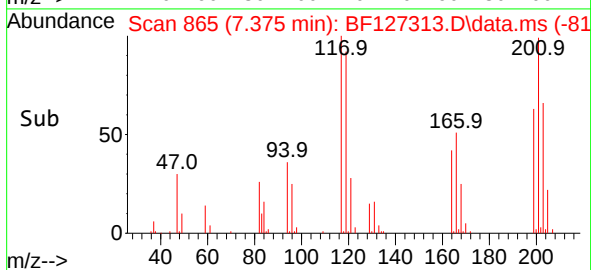
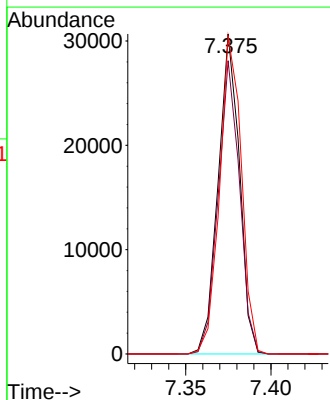
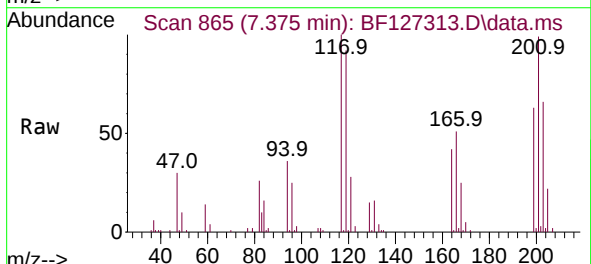
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2022

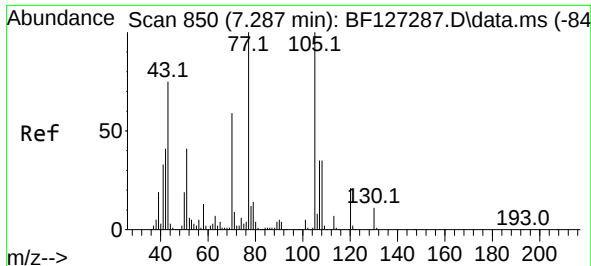
Tgt Ion:	107	Resp:	55716
Ion	Ratio	Lower	Upper
107	100		
108	121.0	93.4	140.0
77	50.8	36.1	54.1
79	50.5	34.9	52.3



#18
Hexachloroethane
Concen: 8.100 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

Tgt Ion:	117	Resp:	26649
Ion	Ratio	Lower	Upper
117	100		
119	91.7	75.4	113.0
201	99.3	56.8	85.2

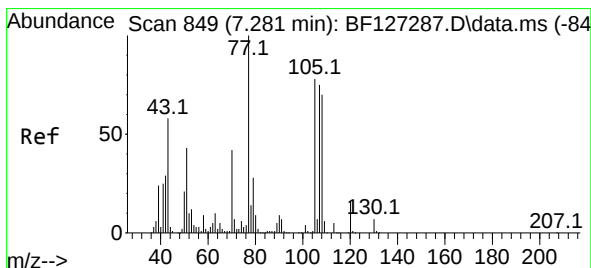
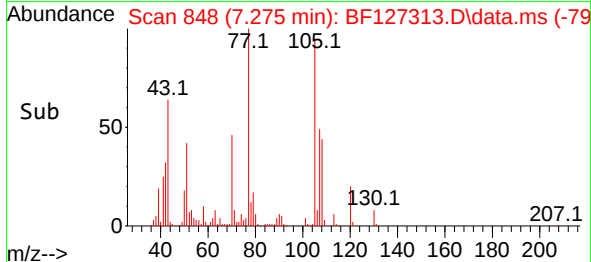
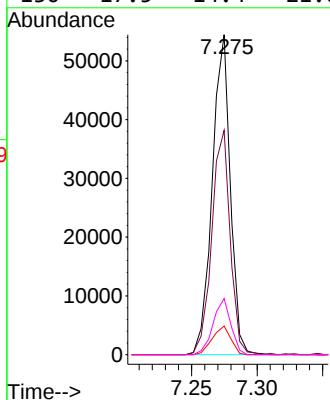
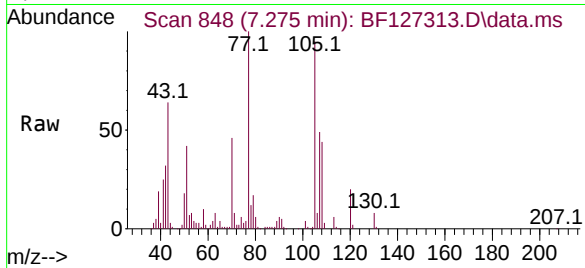




#19
n-Nitroso-di-n-propylamine
Concen: 8.243 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.012 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

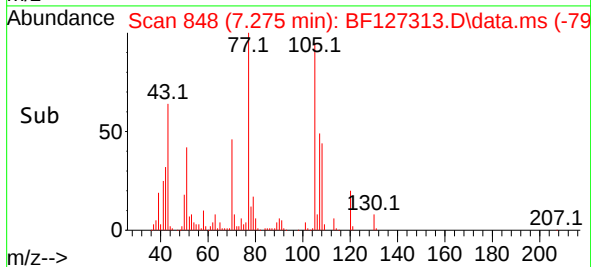
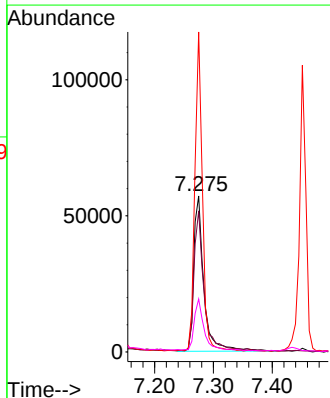
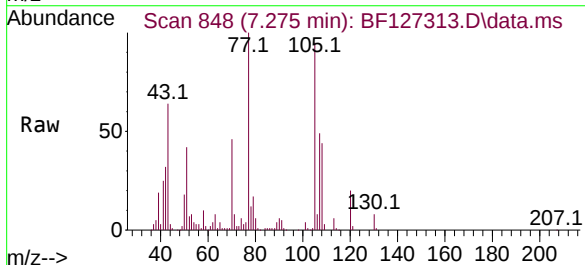
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2022

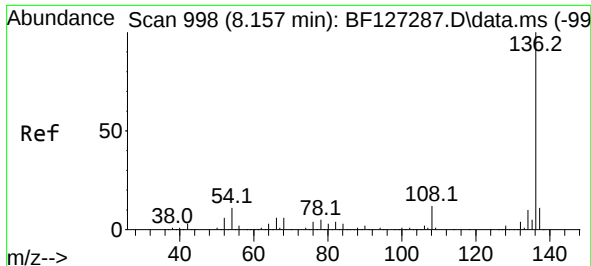
Tgt Ion:	70	Resp:	52026
Ion	Ratio	Lower	Upper
70	100		
42	70.1	45.8	68.8#
101	8.9	6.9	10.3
130	17.5	14.4	21.6



#20
3+4-Methylphenols
Concen: 8.185 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

Tgt Ion:	107	Resp:	68637
Ion	Ratio	Lower	Upper
107	100		
108	90.5	72.4	112.4
77	205.1	83.8	123.8#
79	34.0	8.5	48.5

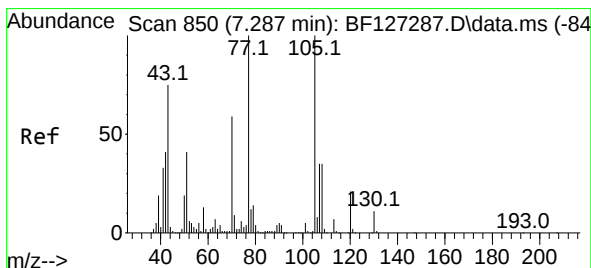
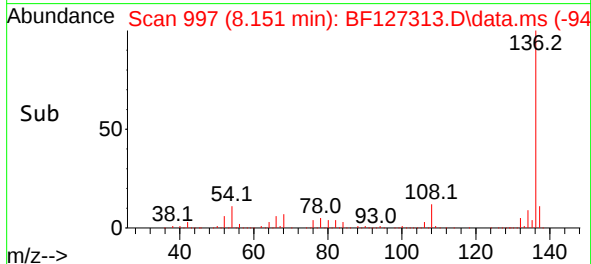
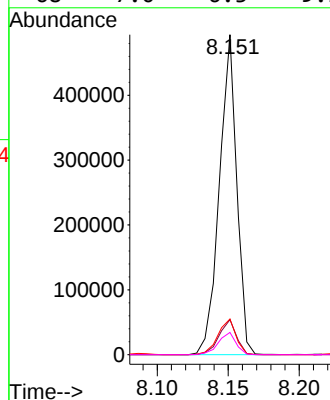
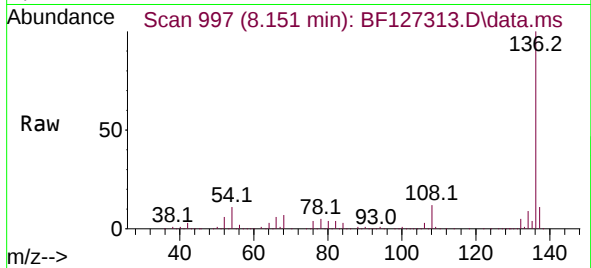




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

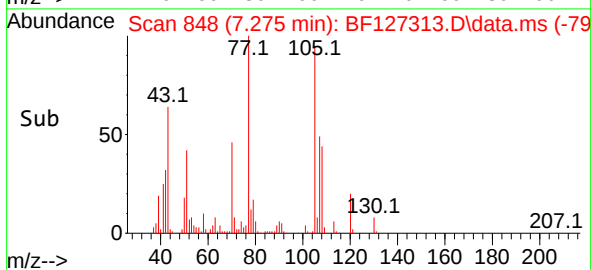
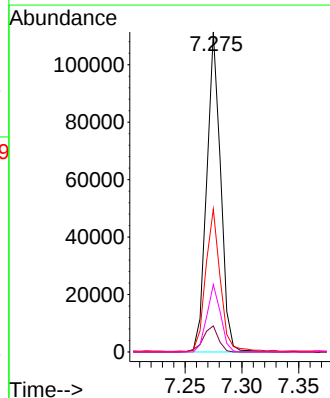
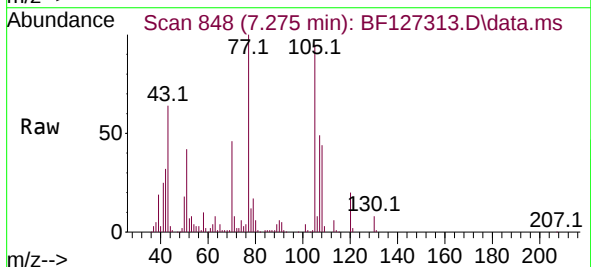
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2022

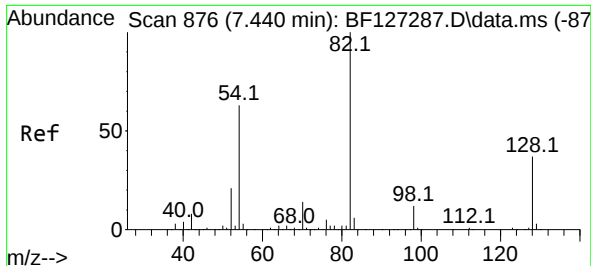
Tgt Ion:136 Resp: 419505
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 11.1 7.8 11.6
68 7.0 6.3 9.5



#22
Acetophenone
Concen: 8.241 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.012 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

Tgt Ion:105 Resp: 94650
Ion Ratio Lower Upper
105 100
71 8.1 5.4 8.0#
51 44.7 27.4 41.0#
120 21.1 17.0 25.6

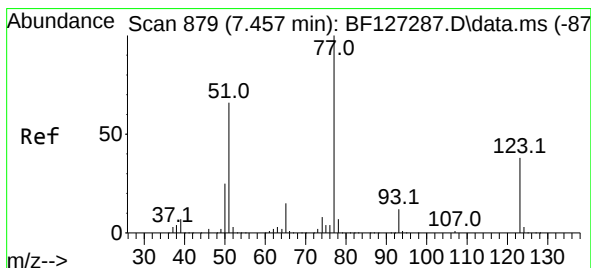
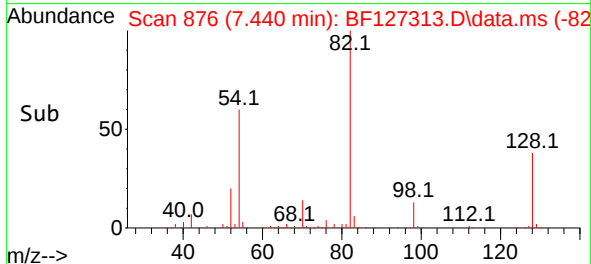
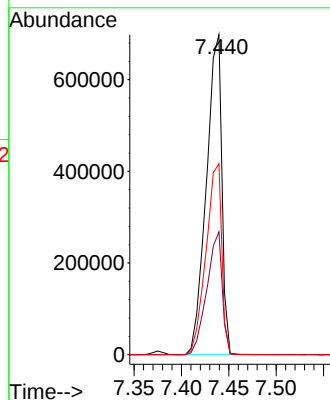
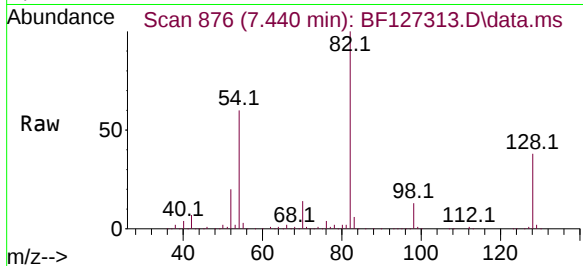




#23
Nitrobenzene-d5
Concen: 77.890 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

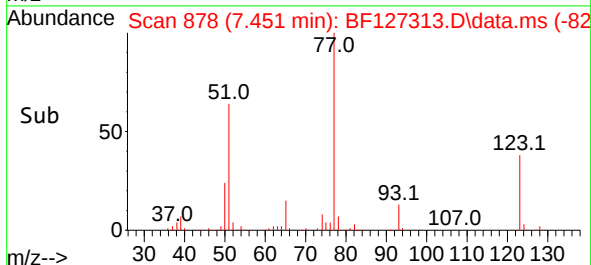
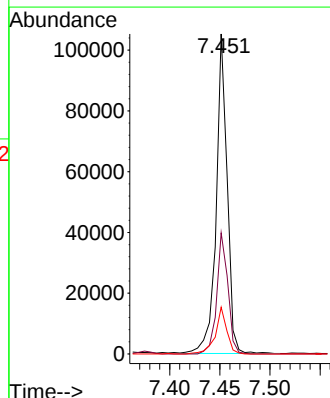
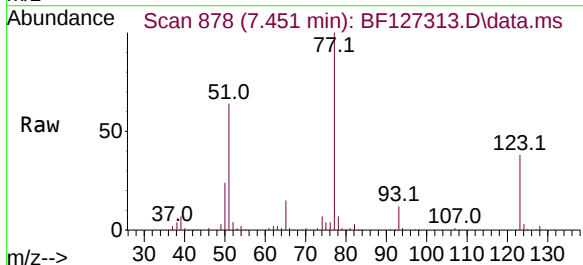
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2022

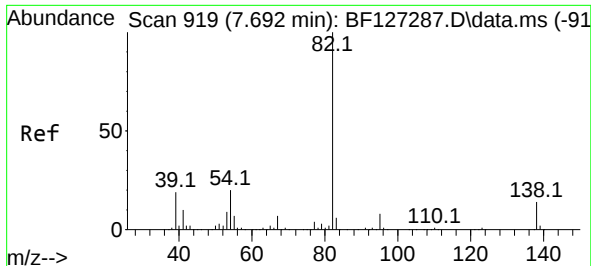
Tgt Ion: 82 Resp: 791200
Ion Ratio Lower Upper
82 100
128 38.4 32.7 49.1
54 59.7 41.7 62.5



#24
Nitrobenzene
Concen: 8.331 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

Tgt Ion: 77 Resp: 80045
Ion Ratio Lower Upper
77 100
123 37.9 34.6 52.0
65 14.6 10.6 15.8

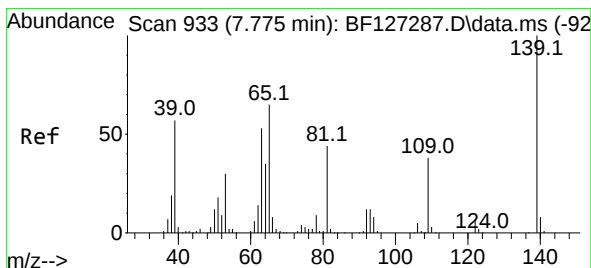
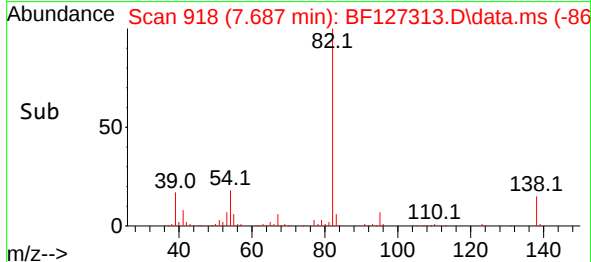
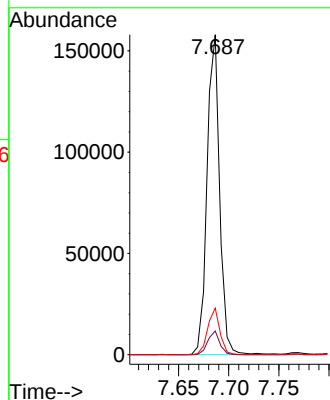
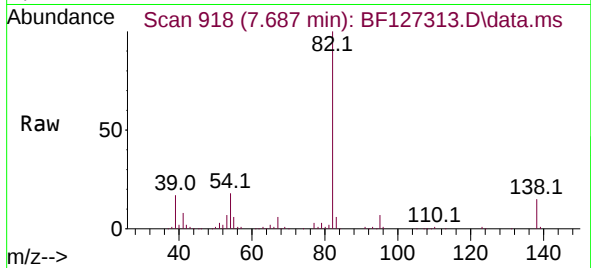




#25
Isophorone
Concen: 8.485 ng
RT: 7.687 min Scan# 919
Delta R.T. -0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

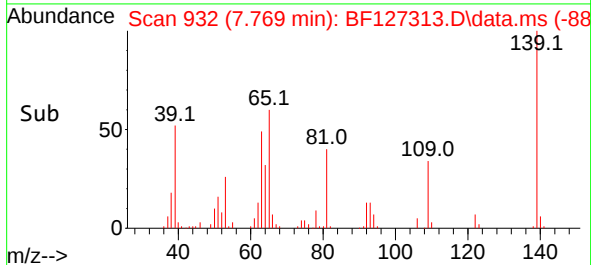
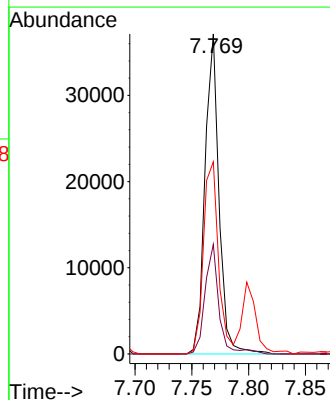
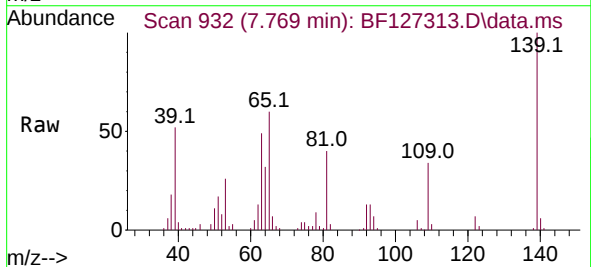
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2022

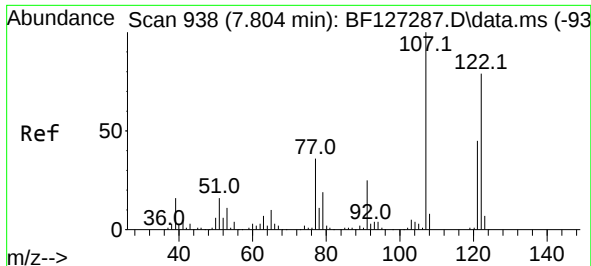
Tgt Ion: 82 Resp: 138597
Ion Ratio Lower Upper
82 100
95 7.4 5.0 7.4
138 14.6 12.3 18.5



#26
2-Nitrophenol
Concen: 7.987 ng
RT: 7.769 min Scan# 932
Delta R.T. -0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

Tgt Ion: 139 Resp: 31777
Ion Ratio Lower Upper
139 100
109 34.3 20.0 30.0#
65 60.0 40.8 61.2





#27

2,4-Dimethylphenol

Concen: 9.417 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF127313.D

Acq: 14 Mar 2022 11:16

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT1-2022

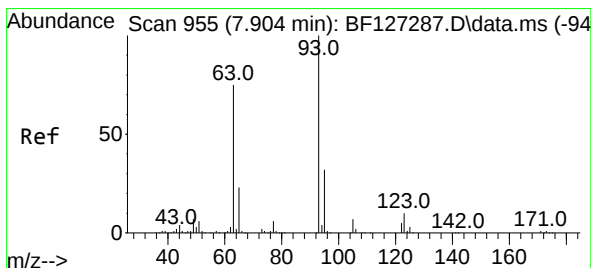
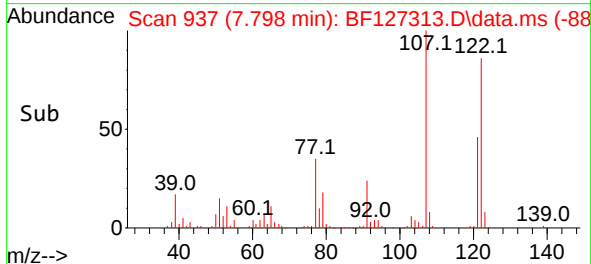
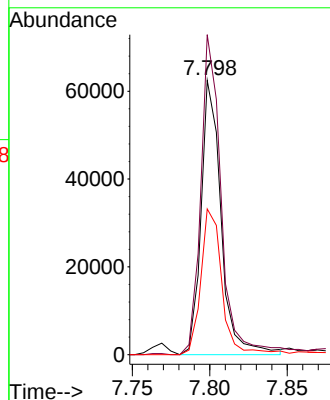
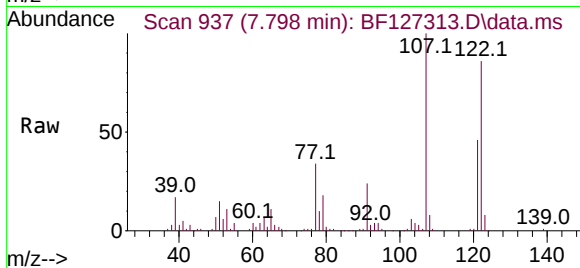
Tgt Ion:122 Resp: 56248

Ion Ratio Lower Upper

122 100

107 116.7 91.2 136.8

121 53.2 44.4 66.6



#28

bis(2-Chloroethoxy)methane

Concen: 8.215 ng

RT: 7.892 min Scan# 953

Delta R.T. -0.012 min

Lab File: BF127313.D

Acq: 14 Mar 2022 11:16

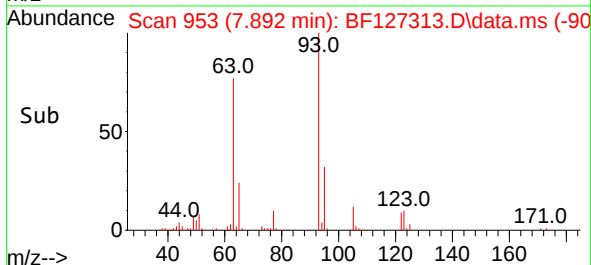
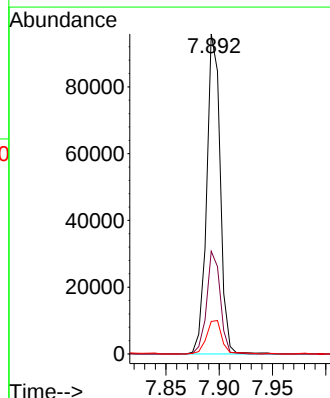
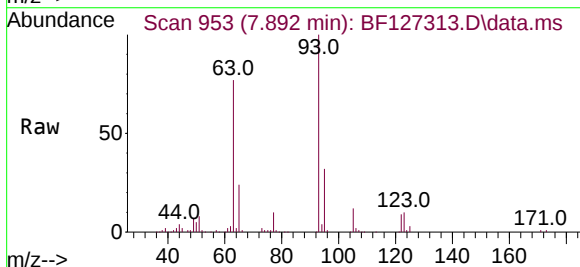
Tgt Ion: 93 Resp: 85017

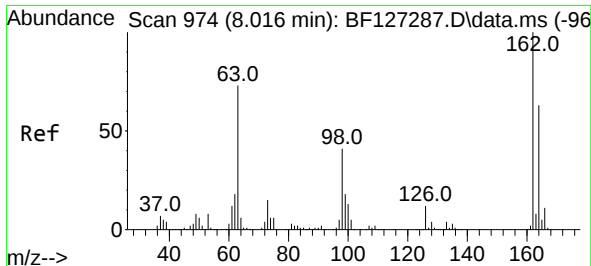
Ion Ratio Lower Upper

93 100

95 32.1 25.4 38.2

123 10.1 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 7.854 ng

RT: 8.010 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF127313.D

Acq: 14 Mar 2022 11:16

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT1-2022

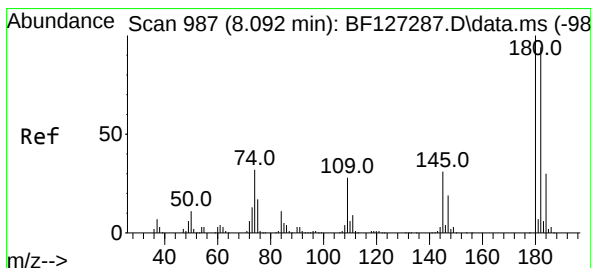
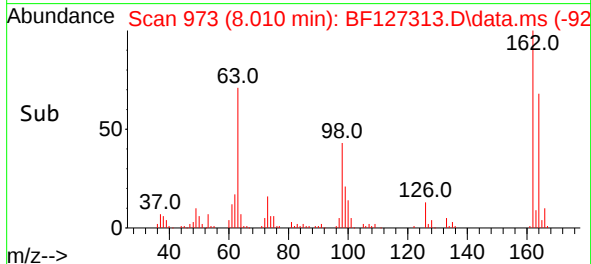
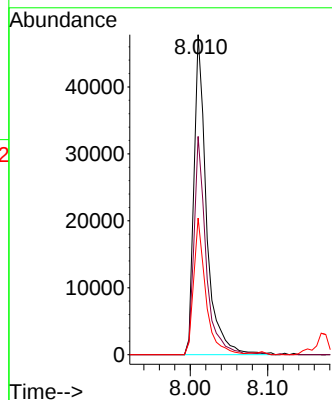
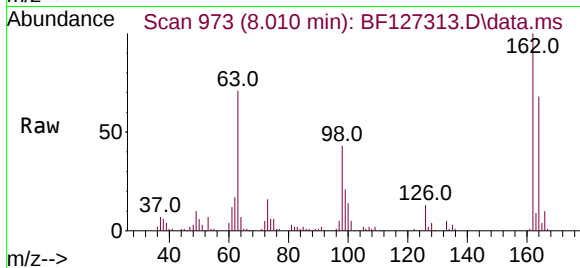
Tgt Ion:162 Resp: 53726

Ion Ratio Lower Upper

162 100

164 68.2 43.8 83.8

98 42.7 23.6 63.6



#30

1,2,4-Trichlorobenzene

Concen: 8.171 ng

RT: 8.092 min Scan# 987

Delta R.T. -0.000 min

Lab File: BF127313.D

Acq: 14 Mar 2022 11:16

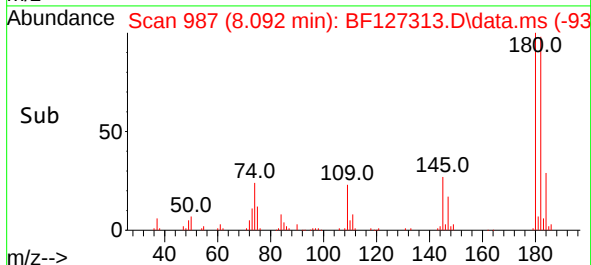
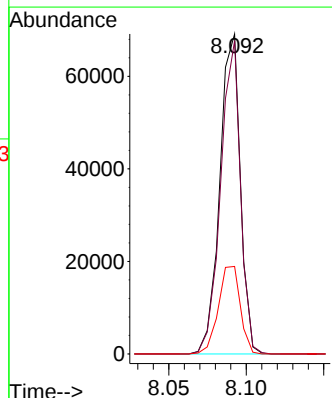
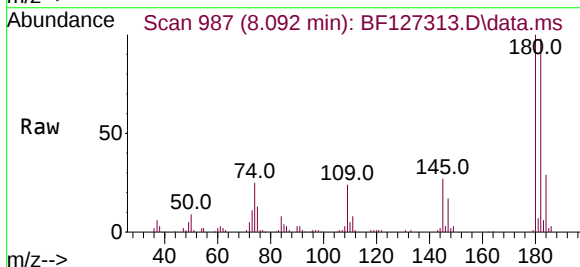
Tgt Ion:180 Resp: 63718

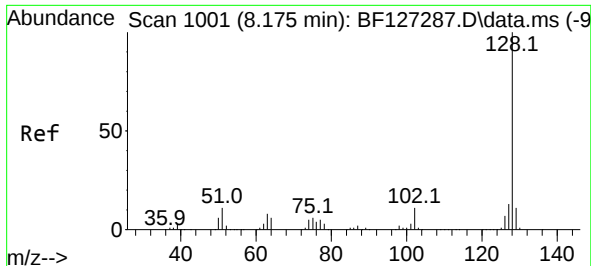
Ion Ratio Lower Upper

180 100

182 97.9 75.5 113.3

145 27.3 26.2 39.2

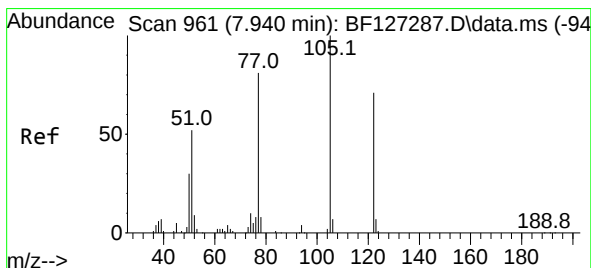
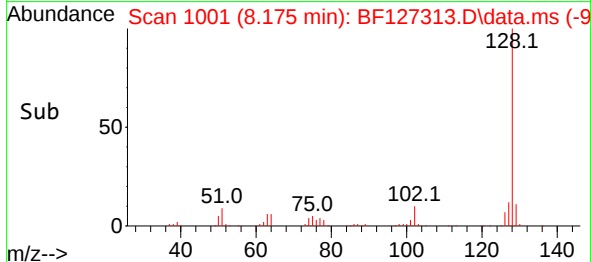
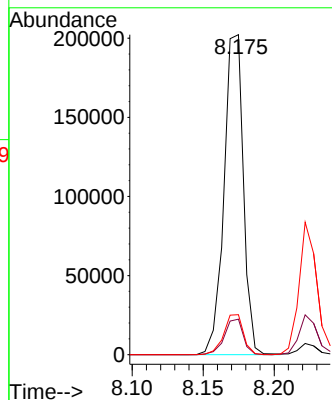
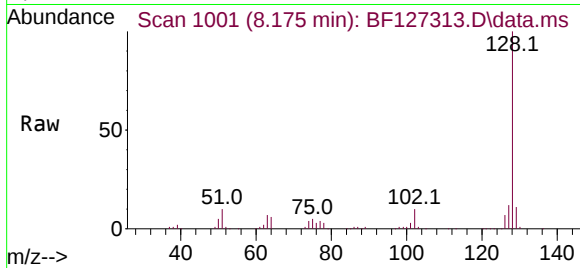




#31
Naphthalene
Concen: 8.577 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

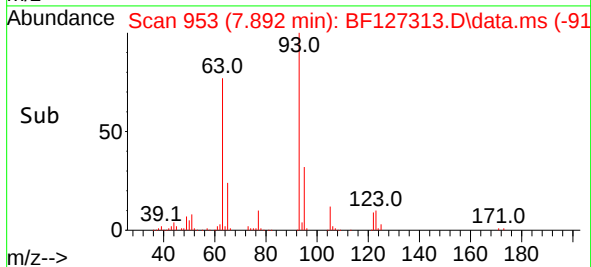
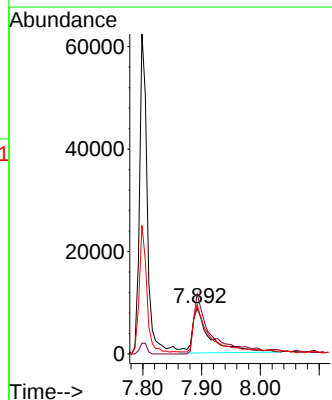
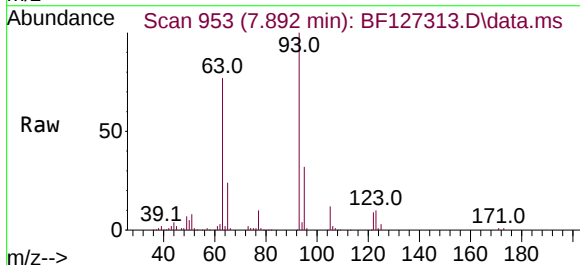
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2022

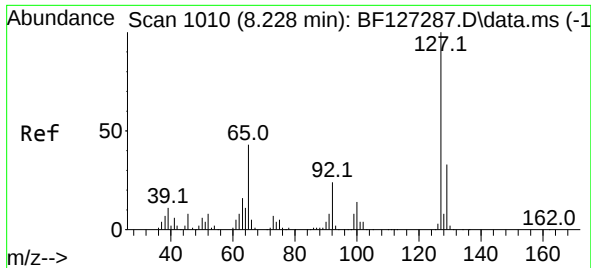
Tgt Ion:128 Resp: 191929
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.5 10.3 15.5



#32
Benzoic acid
Concen: 4.979 ng
RT: 7.892 min Scan# 953
Delta R.T. -0.048 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

Tgt Ion:122 Resp: 18455
Ion Ratio Lower Upper
122 100
105 131.7 101.0 141.0
77 107.7 74.5 114.5

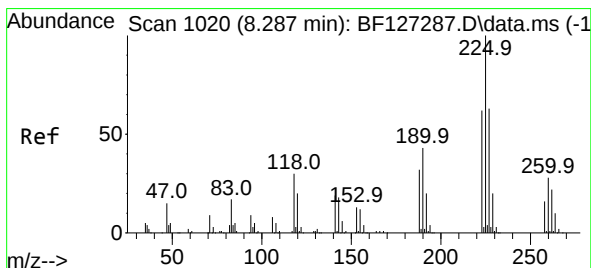
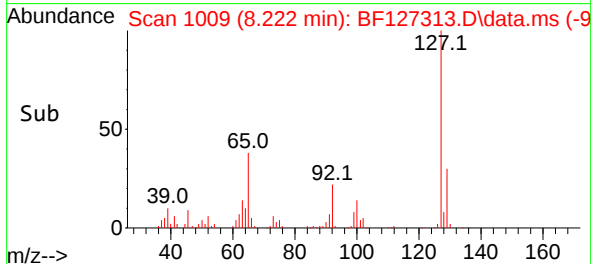
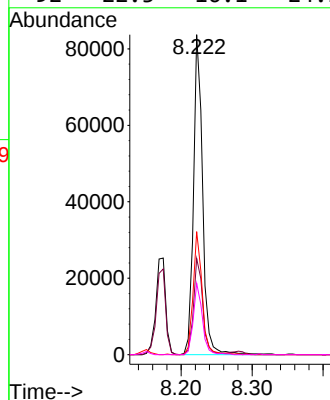
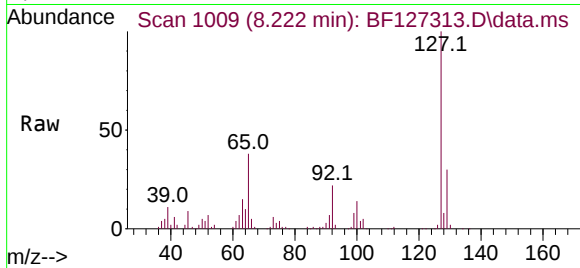




#33
4-Chloroaniline
Concen: 8.693 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

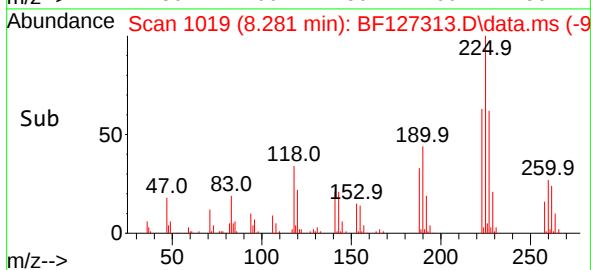
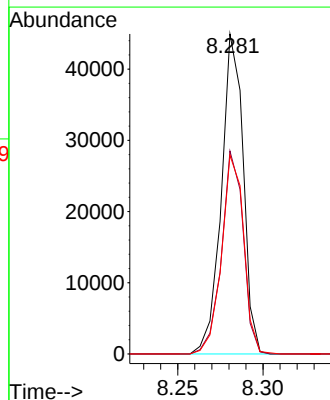
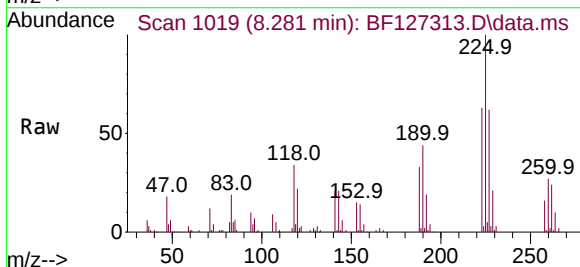
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2022

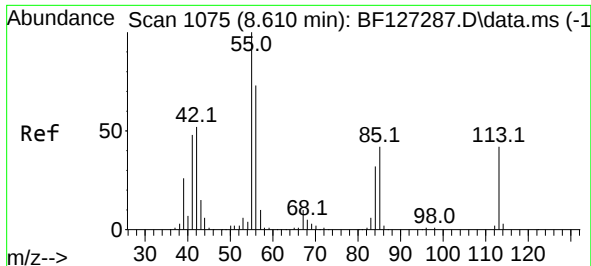
Tgt Ion:	127	Resp:	75406
Ion Ratio	Lower	Upper	
127	100		
129	30.0	26.5	39.7
65	38.5	26.6	39.8
92	22.3	16.1	24.1



#34
Hexachlorobutadiene
Concen: 7.688 ng
RT: 8.281 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

Tgt Ion:	225	Resp:	39976
Ion Ratio	Lower	Upper	
225	100		
223	63.4	48.6	73.0
227	62.1	51.4	77.0

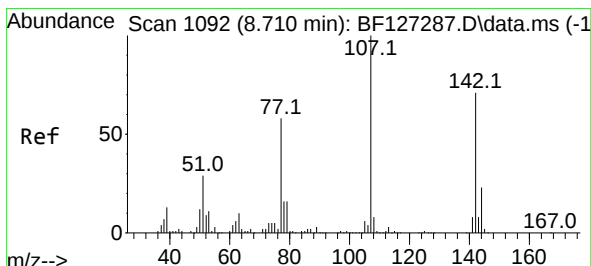
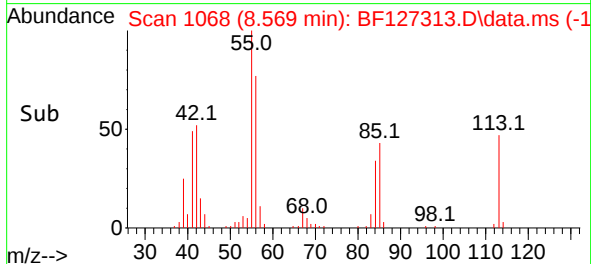
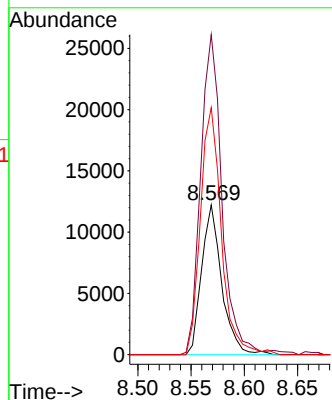
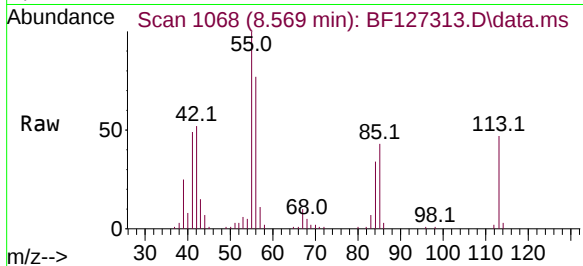




#35
 Caprolactam
 Concen: 7.879 ng
 RT: 8.569 min Scan# 1068
 Delta R.T. -0.041 min
 Lab File: BF127313.D
 Acq: 14 Mar 2022 11:16

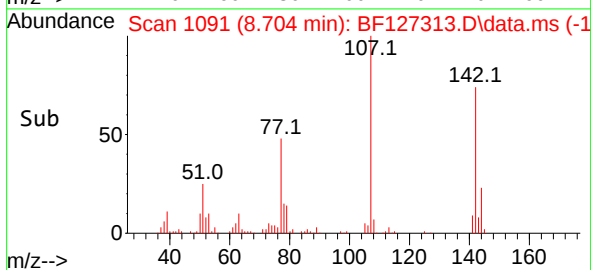
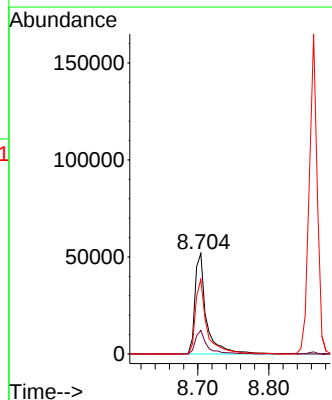
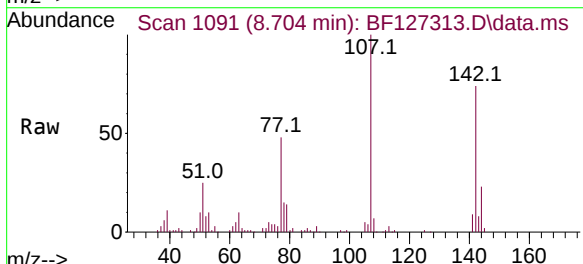
Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

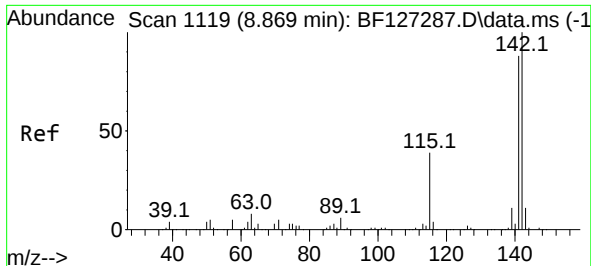
Tgt Ion:113 Resp: 16100
 Ion Ratio Lower Upper
 113 100
 55 213.7 183.9 223.9
 56 165.0 129.9 169.9



#36
 4-Chloro-3-methylphenol
 Concen: 7.839 ng
 RT: 8.704 min Scan# 1091
 Delta R.T. -0.006 min
 Lab File: BF127313.D
 Acq: 14 Mar 2022 11:16

Tgt Ion:107 Resp: 58117
 Ion Ratio Lower Upper
 107 100
 144 23.4 18.5 27.7
 142 74.2 58.1 87.1





#37

2-Methylnaphthalene

Concen: 8.779 ng

RT: 8.863 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF127313.D

Acq: 14 Mar 2022 11:16

Instrument :

BNA_F

ClientSampleId :

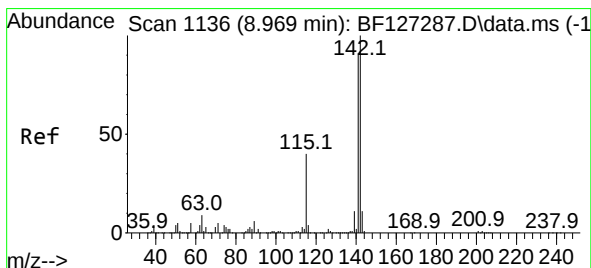
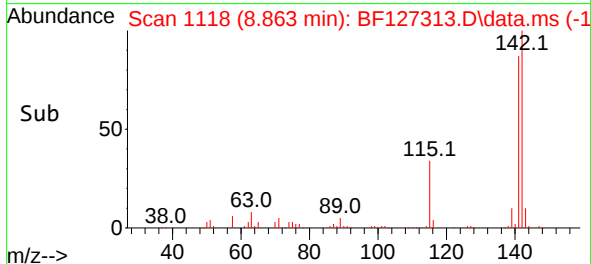
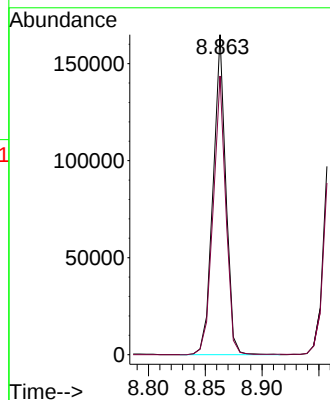
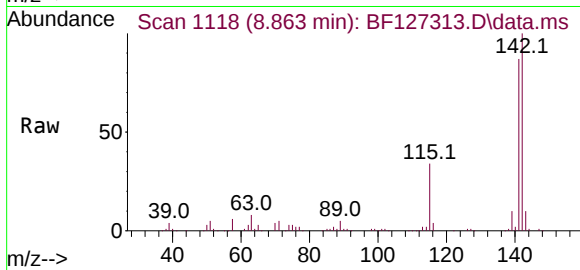
MDL-SOIL-03-QT1-2022

Tgt Ion:142 Resp: 128365

Ion Ratio Lower Upper

142 100

141 87.1 68.6 102.8



#38

1-Methylnaphthalene

Concen: 8.524 ng

RT: 8.963 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF127313.D

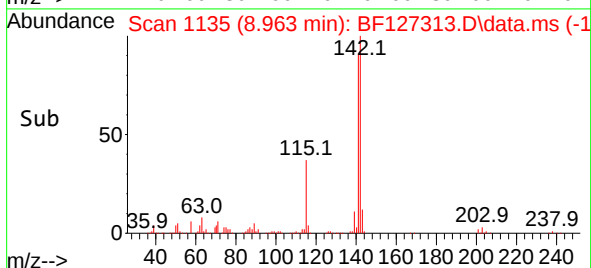
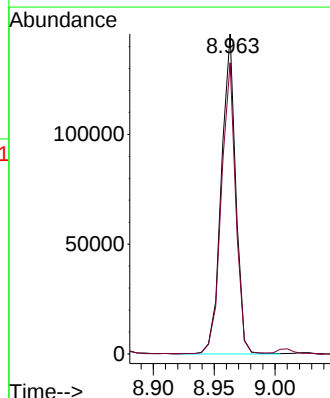
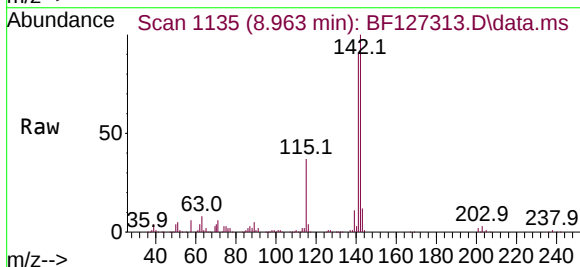
Acq: 14 Mar 2022 11:16

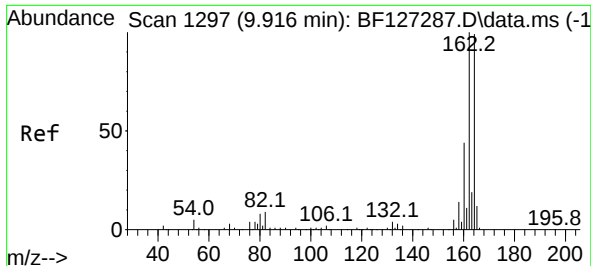
Tgt Ion:142 Resp: 119819

Ion Ratio Lower Upper

142 100

141 91.0 72.1 108.1

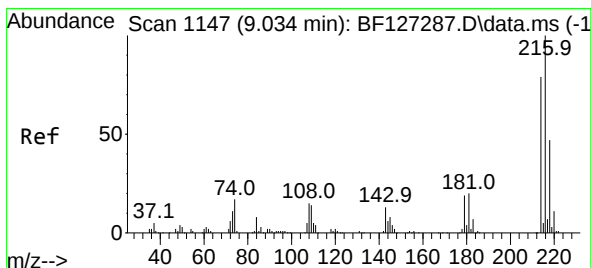
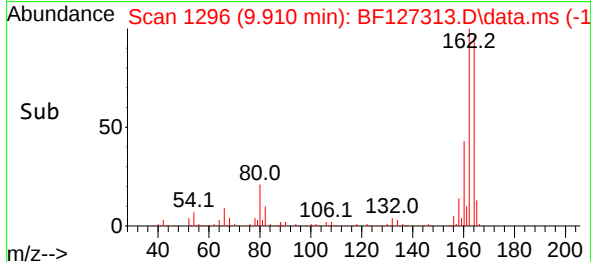
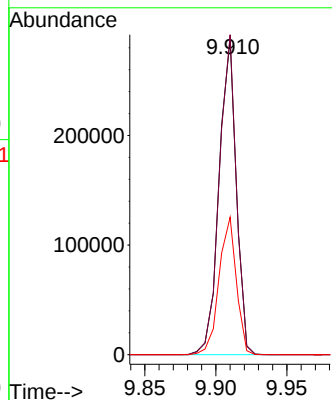
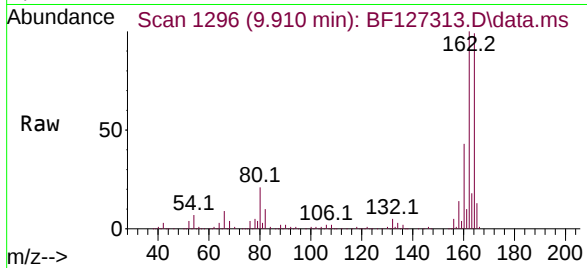




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

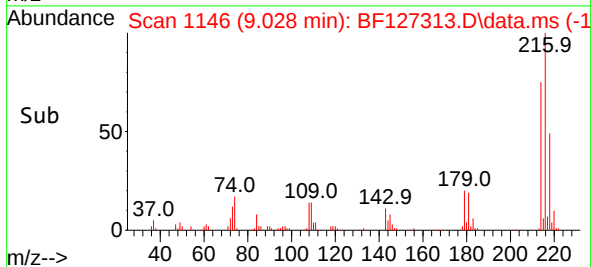
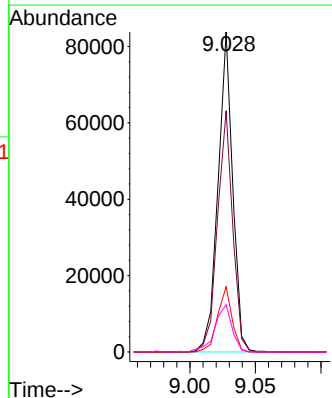
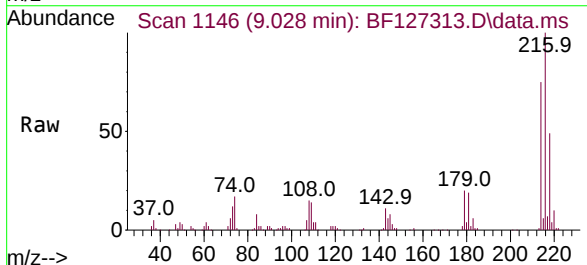
Instrument : BNA_F
ClientSampleId : MDL-SOIL-03-QT1-2022

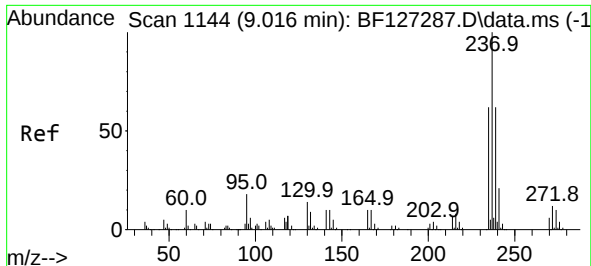
Tgt Ion:164 Resp: 242321
Ion Ratio Lower Upper
164 100
162 101.4 81.4 122.0
160 43.5 36.6 54.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.484 ng
RT: 9.028 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

Tgt Ion:216 Resp: 65082
Ion Ratio Lower Upper
216 100
214 77.9 64.6 96.8
179 20.1 19.5 29.3
108 17.3 21.1 31.7#

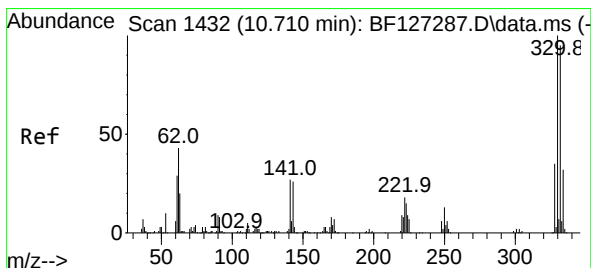
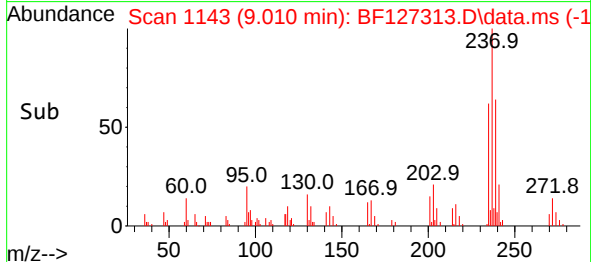
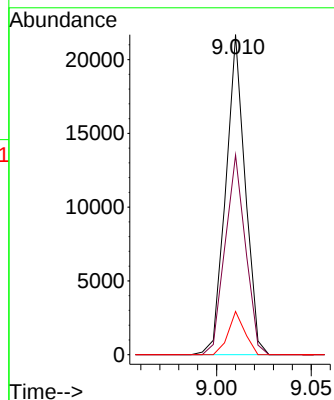
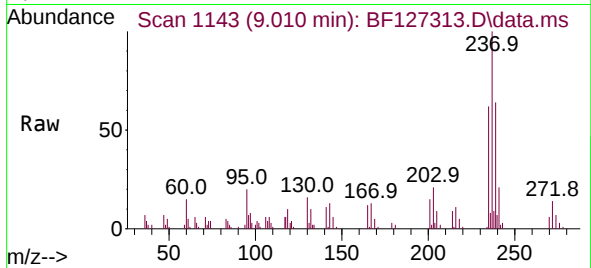




#41
Hexachlorocyclopentadiene
Concen: 5.751 ng
RT: 9.010 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

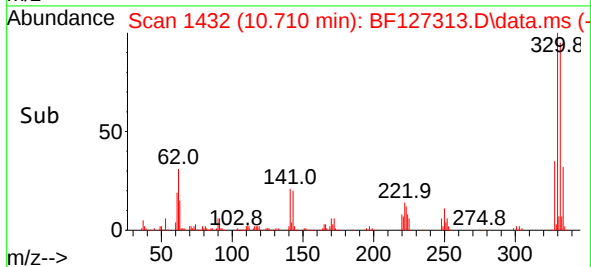
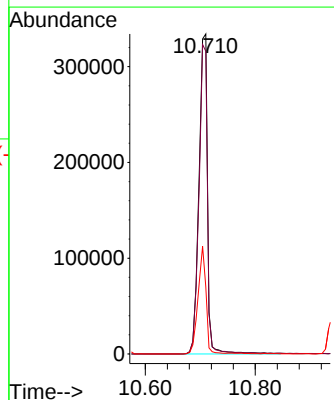
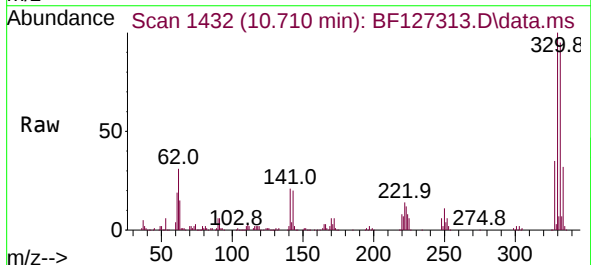
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2022

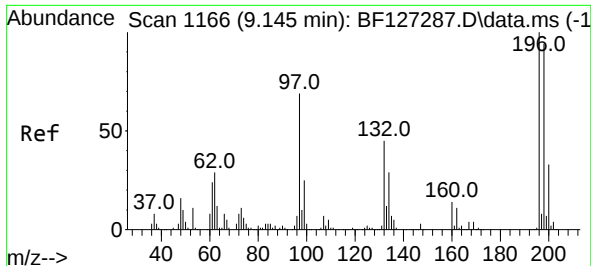
Tgt Ion:237 Resp: 15504
Ion Ratio Lower Upper
237 100
235 62.4 38.9 78.9
272 13.5 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 139.199 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

Tgt Ion:330 Resp: 363111
Ion Ratio Lower Upper
330 100
332 95.1 76.0 114.0
141 31.0 30.1 45.1





#43

2,4,6-Trichlorophenol

Concen: 7.468 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF127313.D

Acq: 14 Mar 2022 11:16

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT1-2022

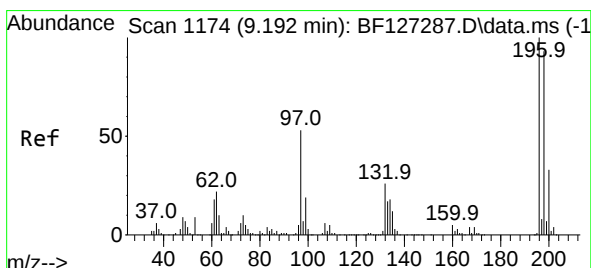
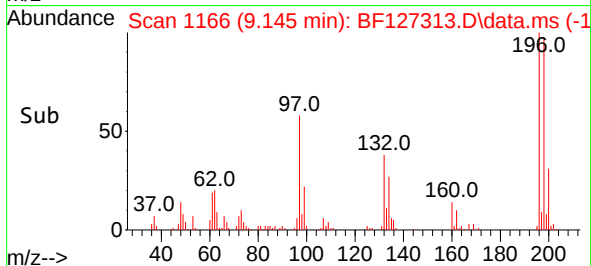
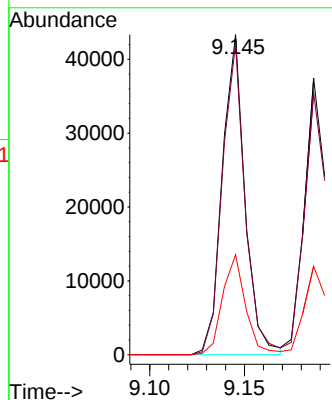
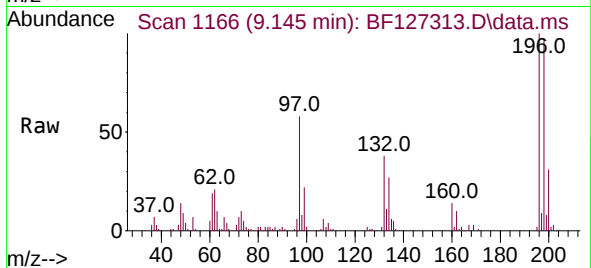
Tgt Ion:196 Resp: 36159

Ion Ratio Lower Upper

196 100

198 97.2 78.5 117.7

200 31.3 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 7.037 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.047 min

Lab File: BF127313.D

Acq: 14 Mar 2022 11:16

Tgt Ion:196 Resp: 36159

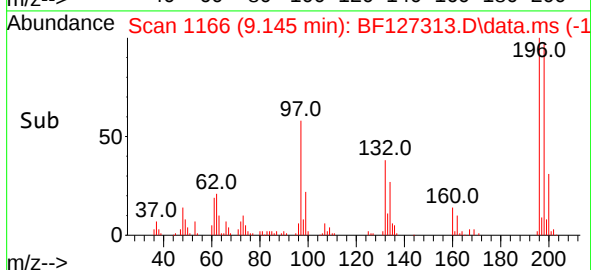
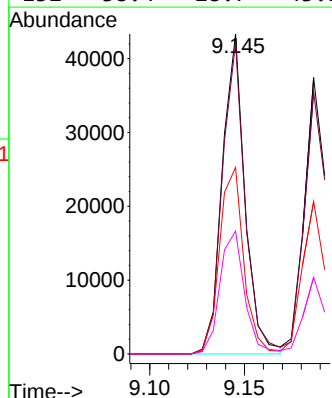
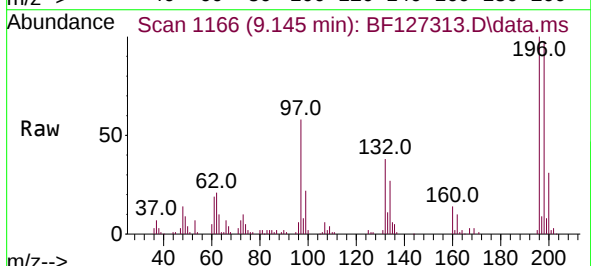
Ion Ratio Lower Upper

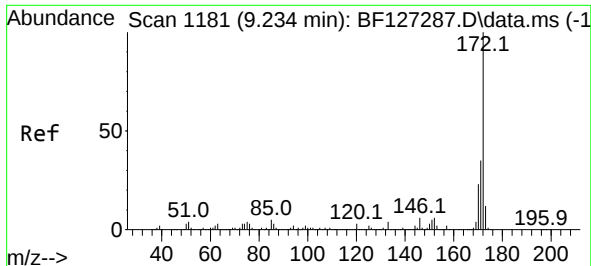
196 100

198 97.2 82.0 123.0

97 58.3 53.5 80.3

132 38.4 28.7 43.1

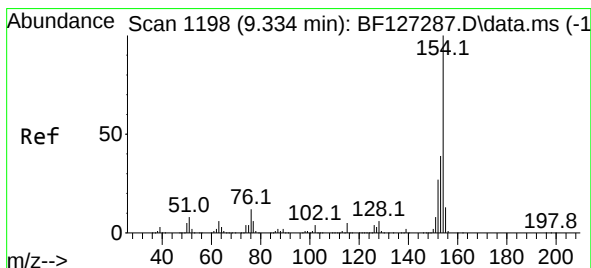
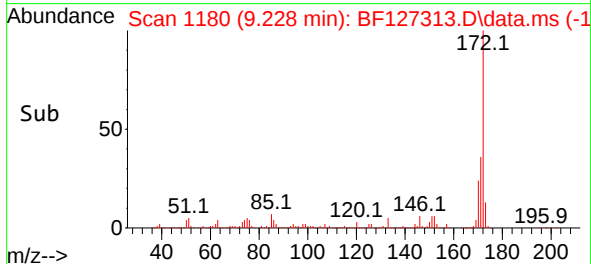
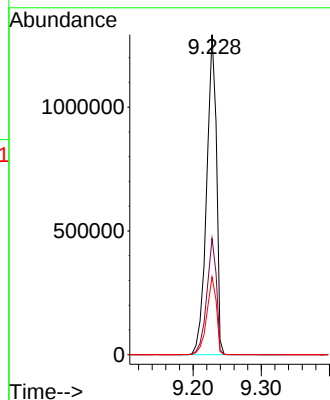
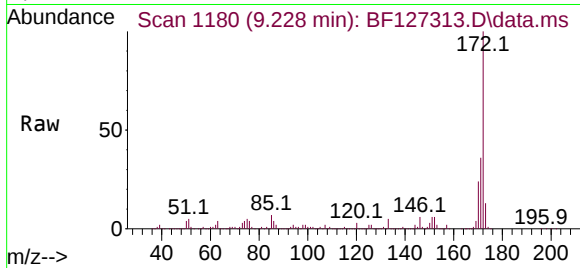




#45
2-Fluorobiphenyl
Concen: 75.949 ng
RT: 9.228 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

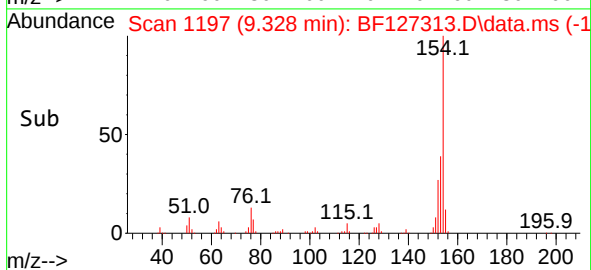
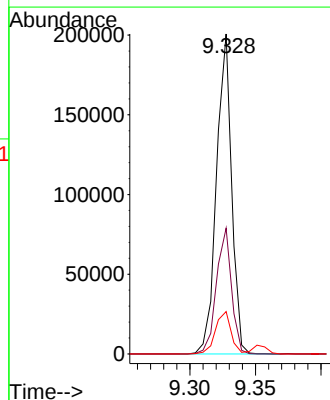
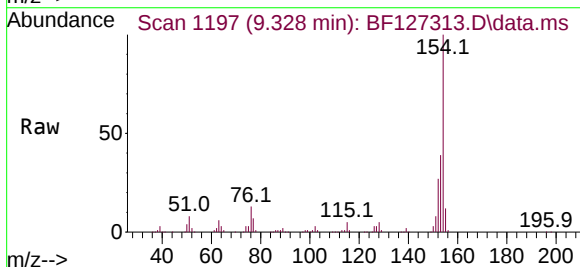
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2022

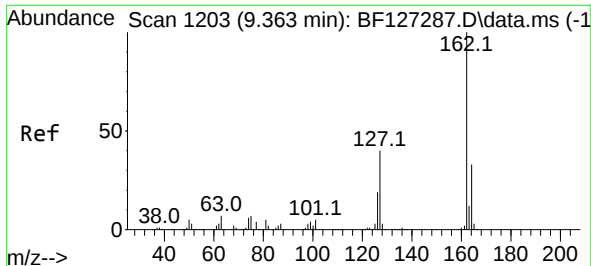
Tgt Ion:172 Resp: 1301744
Ion Ratio Lower Upper
172 100
171 36.4 28.3 42.5
170 24.3 19.0 28.6



#46
1,1'-Biphenyl
Concen: 8.790 ng
RT: 9.328 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

Tgt Ion:154 Resp: 160764
Ion Ratio Lower Upper
154 100
153 39.3 19.0 59.0
76 13.2 0.0 34.5





#47

2-Chloronaphthalene

Concen: 8.377 ng

RT: 9.351 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF127313.D

Acq: 14 Mar 2022 11:16

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT1-2022

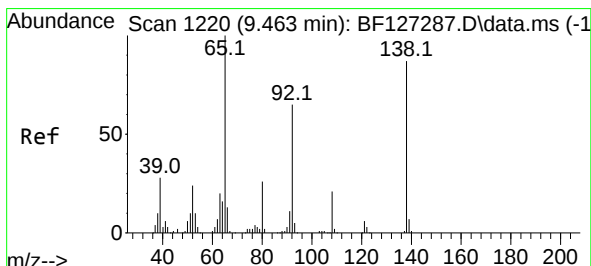
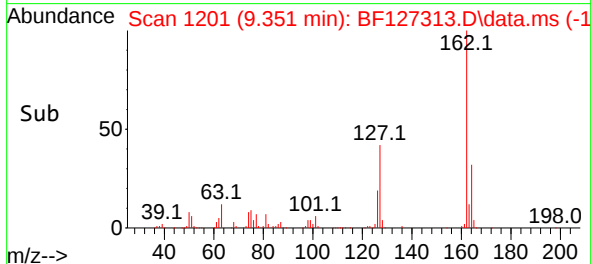
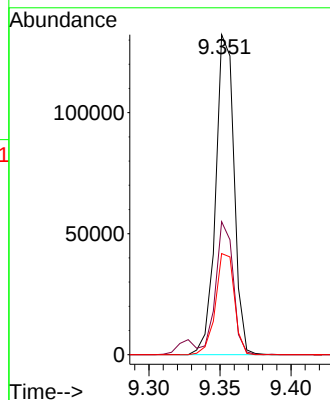
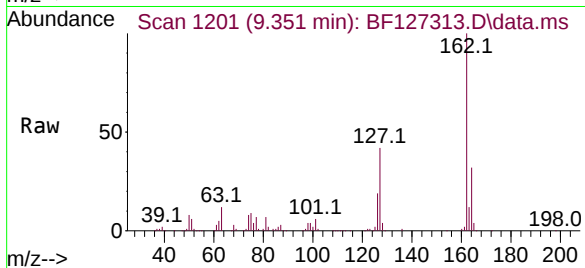
Tgt Ion:162 Resp: 119265

Ion Ratio Lower Upper

162 100

127 41.6 33.5 50.3

164 31.6 26.2 39.4



#48

2-Nitroaniline

Concen: 7.797 ng

RT: 9.451 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF127313.D

Acq: 14 Mar 2022 11:16

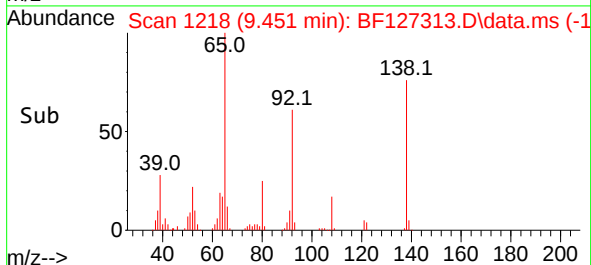
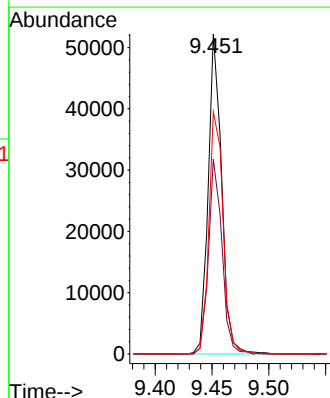
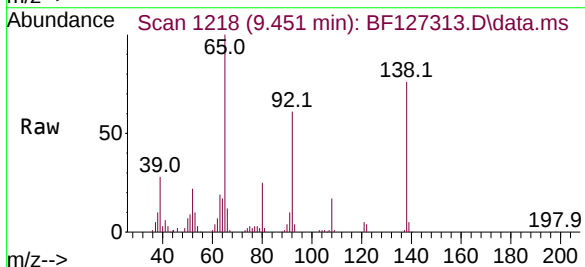
Tgt Ion: 65 Resp: 42712

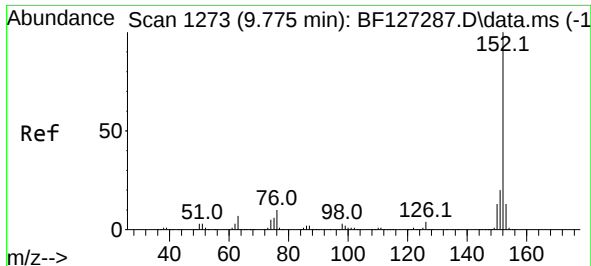
Ion Ratio Lower Upper

65 100

92 60.9 54.4 81.6

138 75.6 72.5 108.7





#49

Acenaphthylene

Concen: 9.084 ng

RT: 9.769 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127313.D

Acq: 14 Mar 2022 11:16

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT1-2022

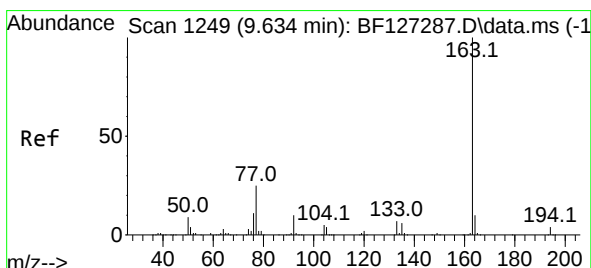
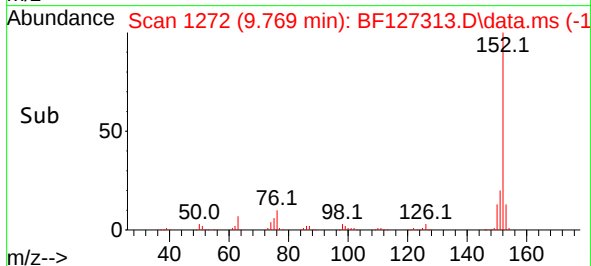
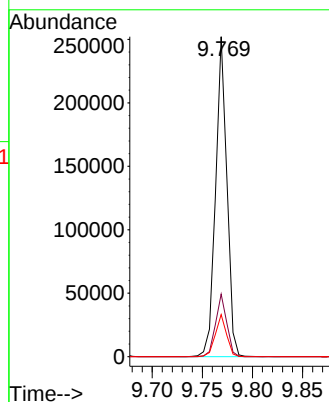
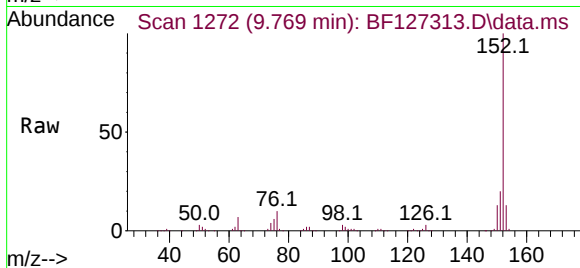
Tgt Ion:152 Resp: 197905

Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

153 13.2 11.4 17.0



#50

Dimethylphthalate

Concen: 7.841 ng

RT: 9.622 min Scan# 1247

Delta R.T. -0.012 min

Lab File: BF127313.D

Acq: 14 Mar 2022 11:16

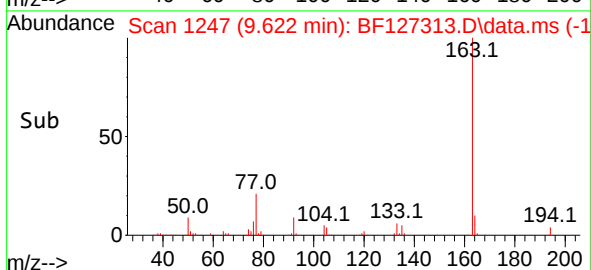
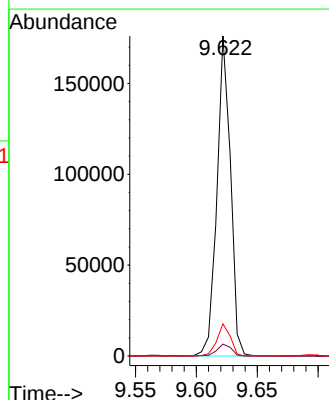
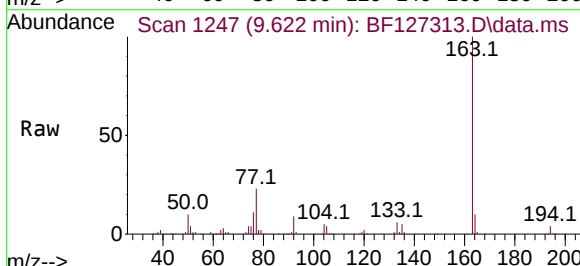
Tgt Ion:163 Resp: 136143

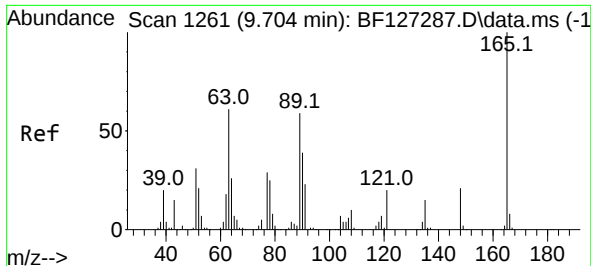
Ion Ratio Lower Upper

163 100

194 3.7 2.6 3.8

164 10.1 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 8.322 ng

RT: 9.692 min Scan# 1301

Delta R.T. -0.012 min

Lab File: BF127313.D

Acq: 14 Mar 2022 11:16

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT1-2022

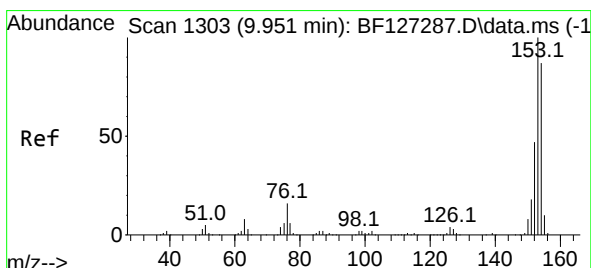
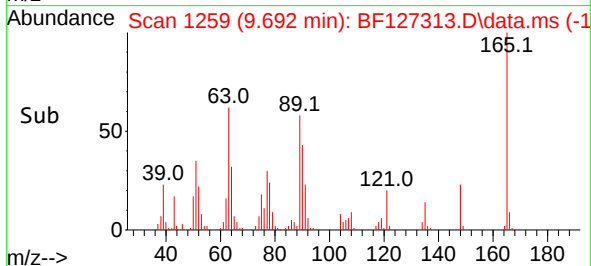
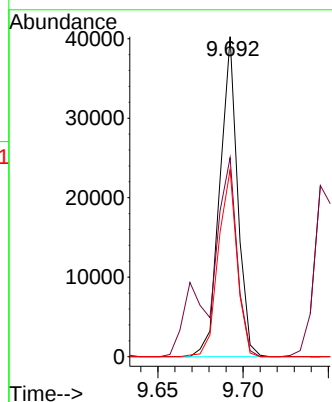
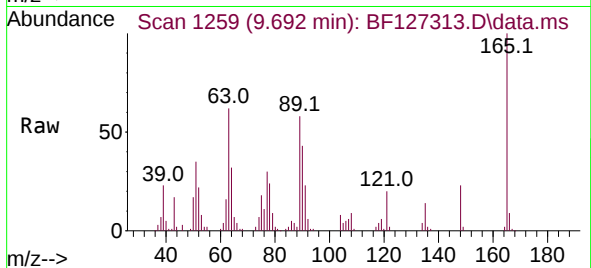
Tgt Ion:165 Resp: 29230

Ion Ratio Lower Upper

165 100

63 62.2 48.4 72.6

89 58.5 50.5 75.7



#52

Acenaphthene

Concen: 8.296 ng

RT: 9.939 min Scan# 1301

Delta R.T. -0.012 min

Lab File: BF127313.D

Acq: 14 Mar 2022 11:16

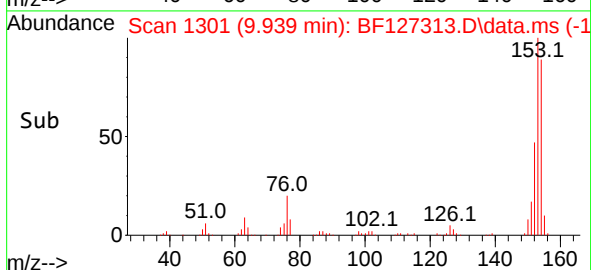
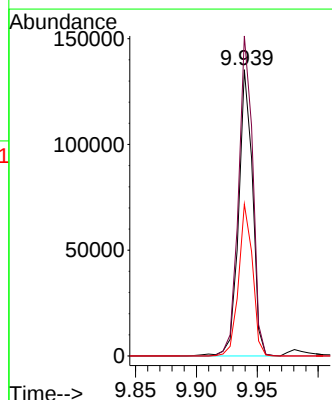
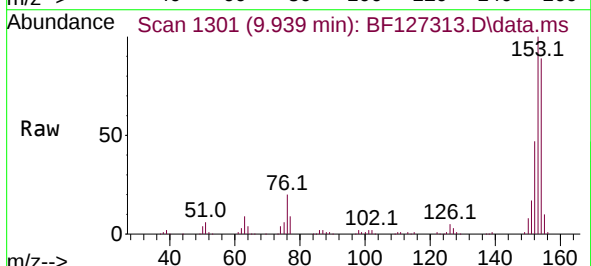
Tgt Ion:154 Resp: 107736

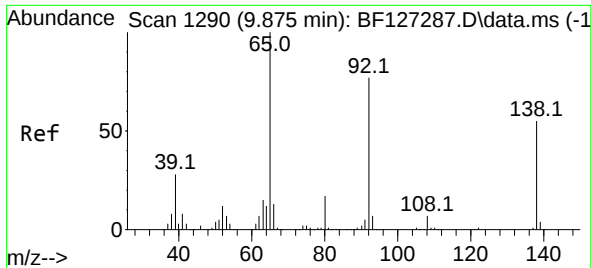
Ion Ratio Lower Upper

154 100

153 111.8 87.8 131.6

152 53.0 39.4 59.2

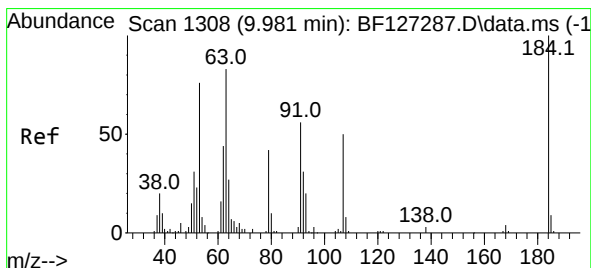
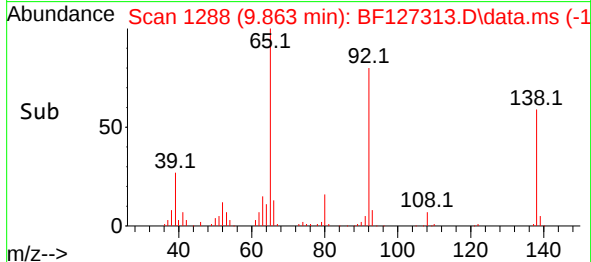
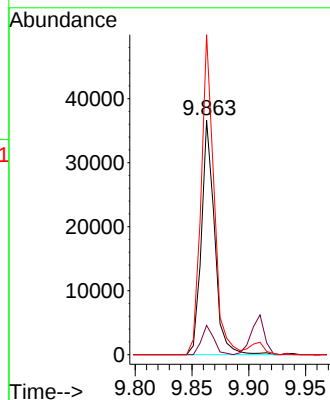
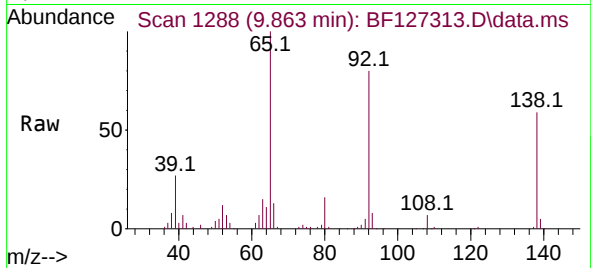




#53
3-Nitroaniline
Concen: 7.717 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

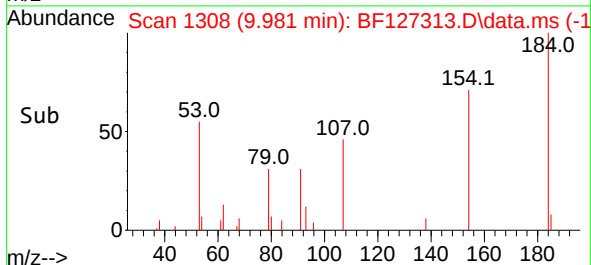
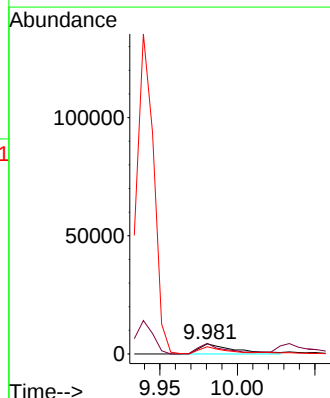
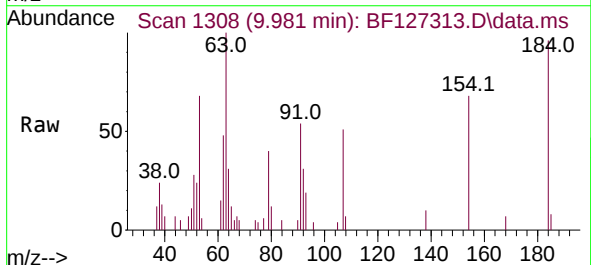
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2022

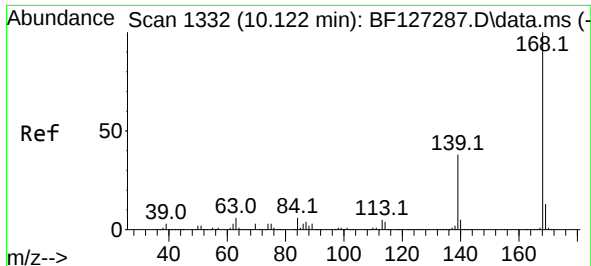
Tgt Ion:138 Resp: 29538
Ion Ratio Lower Upper
138 100
108 12.5 8.6 13.0
92 136.5 105.0 157.6



#54
2,4-Dinitrophenol
Concen: 3.846 ng
RT: 9.981 min Scan# 1308
Delta R.T. -0.000 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

Tgt Ion:184 Resp: 6657
Ion Ratio Lower Upper
184 100
63 104.5 70.4 105.6
154 71.5 49.7 74.5

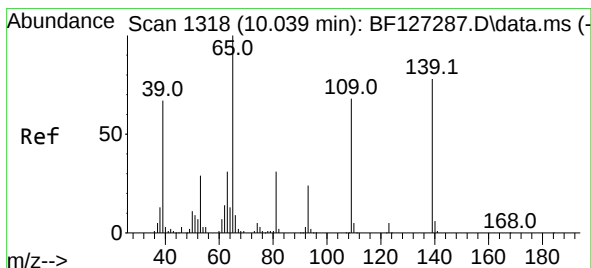
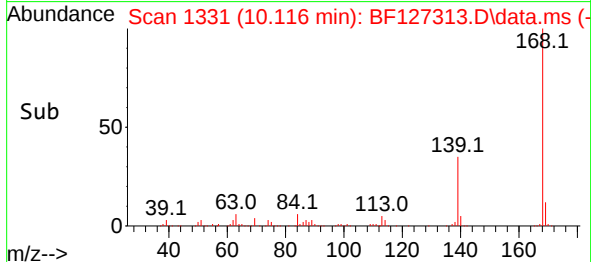
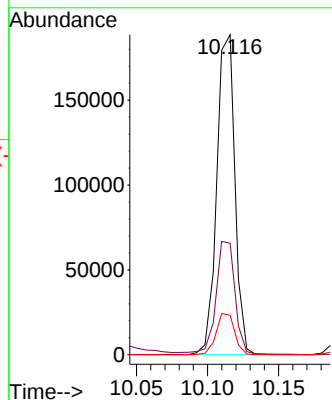
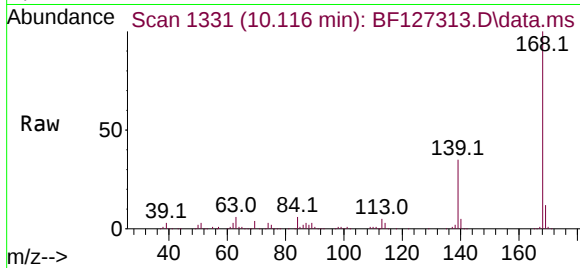




#55
Dibenzofuran
Concen: 8.264 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

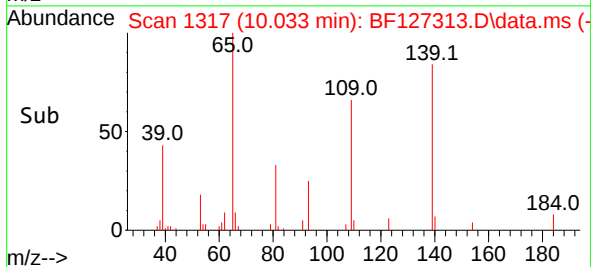
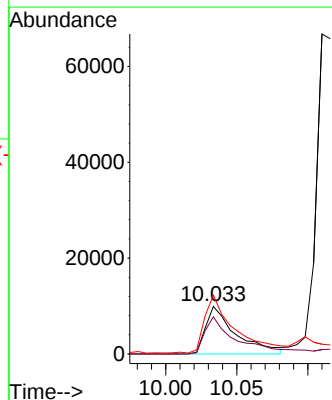
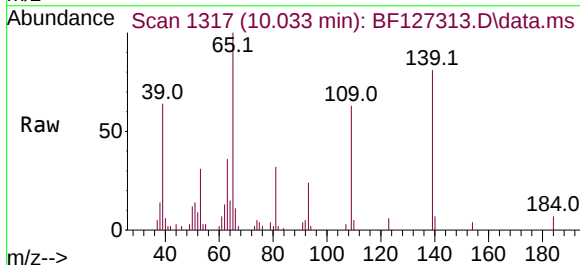
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2022

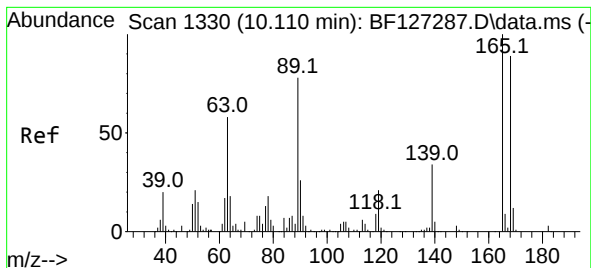
Tgt Ion:168 Resp: 166734
Ion Ratio Lower Upper
168 100
139 34.9 30.6 46.0
169 12.4 10.0 15.0



#56
4-Nitrophenol
Concen: 6.355 ng
RT: 10.033 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

Tgt Ion:139 Resp: 14784
Ion Ratio Lower Upper
139 100
109 78.0 44.1 84.1
65 123.7 85.5 125.5

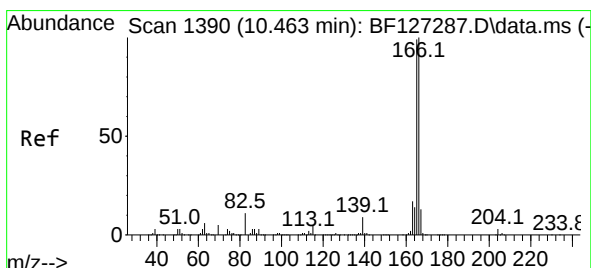
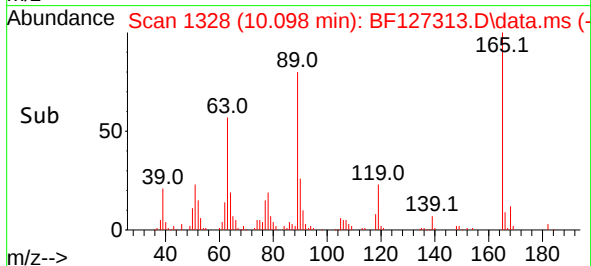
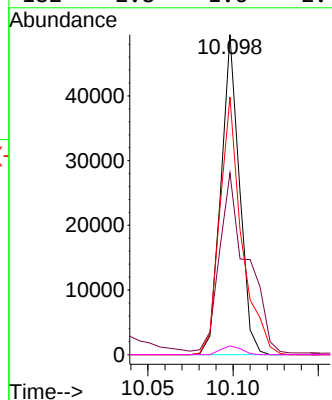
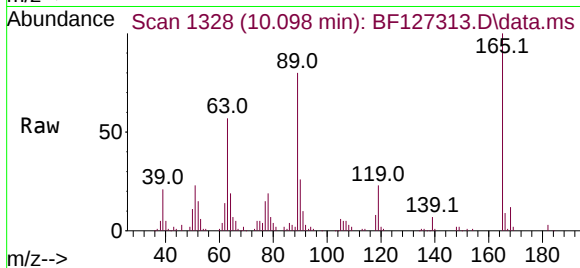




#57
2,4-Dinitrotoluene
Concen: 8.104 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

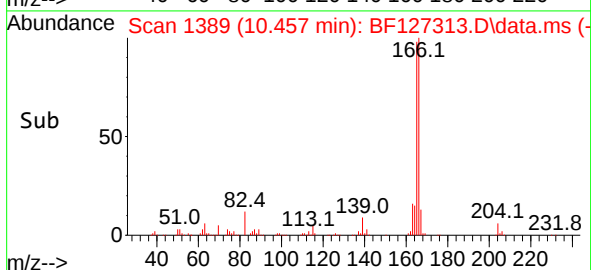
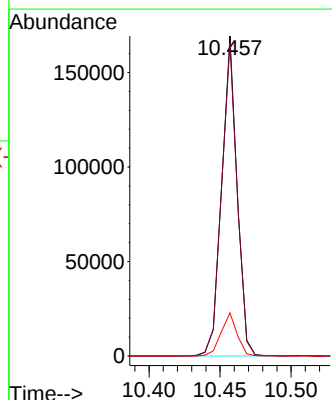
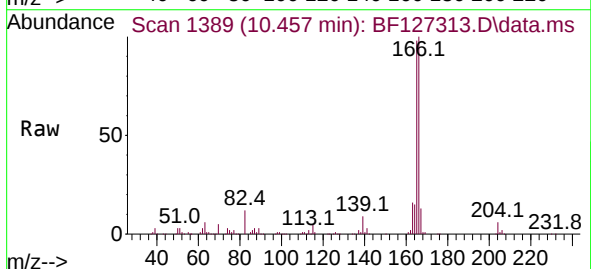
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2022

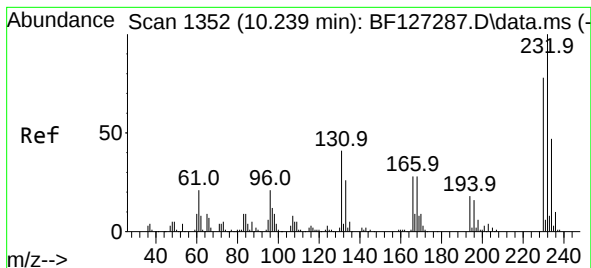
Tgt Ion:165 Resp: 37453
Ion Ratio Lower Upper
165 100
63 56.7 43.0 64.6
89 80.5 71.0 106.4
182 2.8 1.6 2.4#



#58
Fluorene
Concen: 8.110 ng
RT: 10.457 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

Tgt Ion:166 Resp: 126883
Ion Ratio Lower Upper
166 100
165 97.7 77.7 116.5
167 13.5 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 7.027 ng

RT: 10.233 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127313.D

Acq: 14 Mar 2022 11:16

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT1-2022

Tgt Ion:232 Resp: 30008

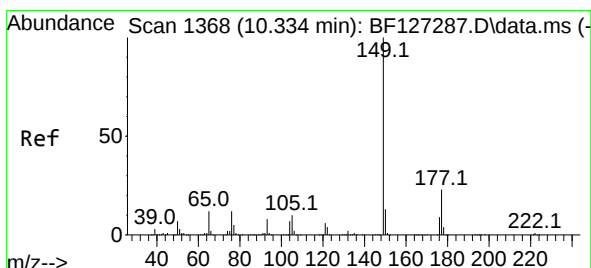
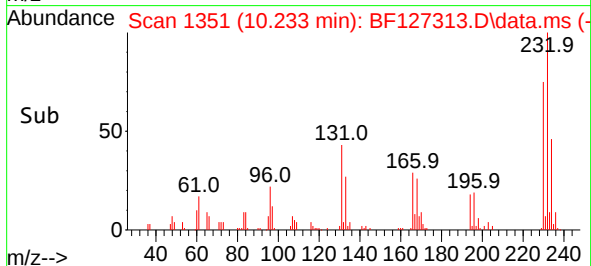
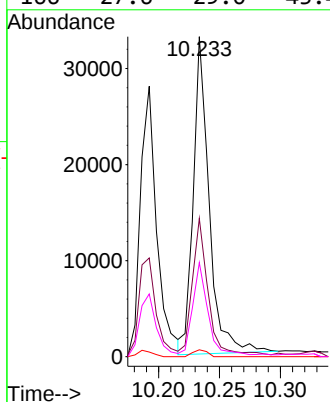
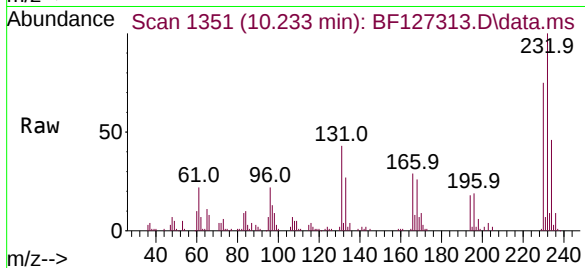
Ion Ratio Lower Upper

232 100

131 44.5 50.0 75.0#

130 2.0 2.2 3.2#

166 27.6 29.0 43.4#



#60

Diethylphthalate

Concen: 8.004 ng

RT: 10.328 min Scan# 1367

Delta R.T. -0.006 min

Lab File: BF127313.D

Acq: 14 Mar 2022 11:16

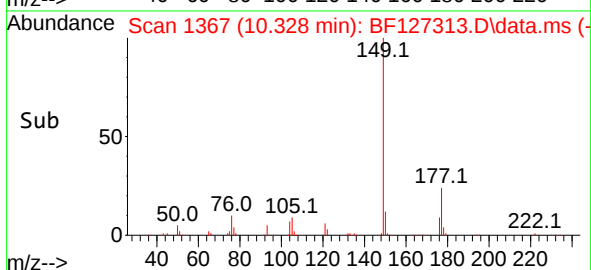
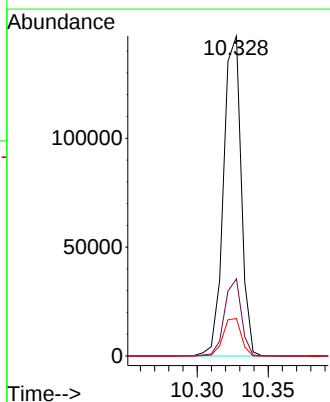
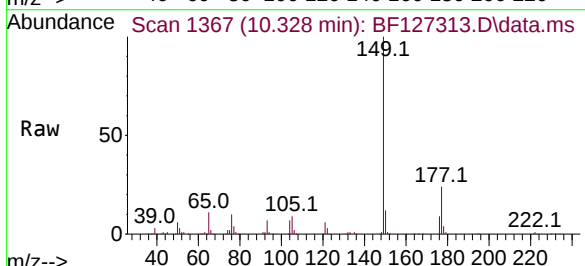
Tgt Ion:149 Resp: 126766

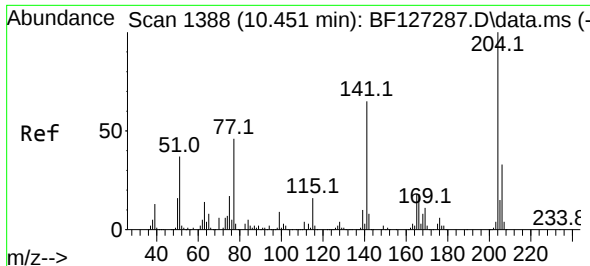
Ion Ratio Lower Upper

149 100

177 24.1 16.7 25.1

150 11.7 9.8 14.8

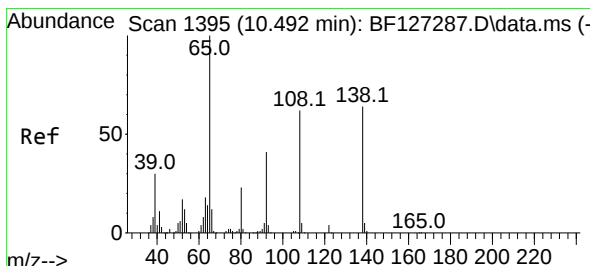
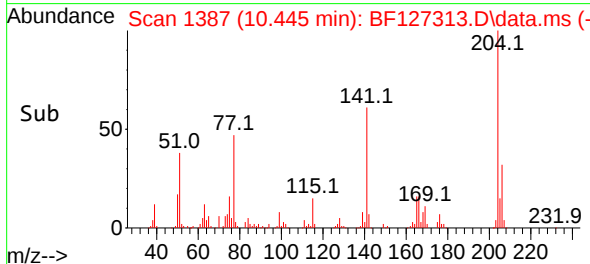
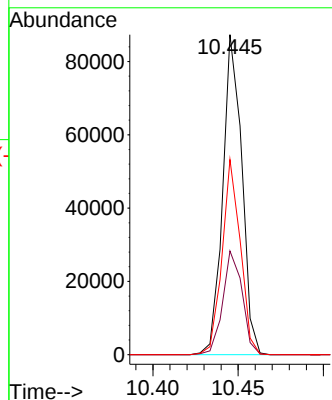
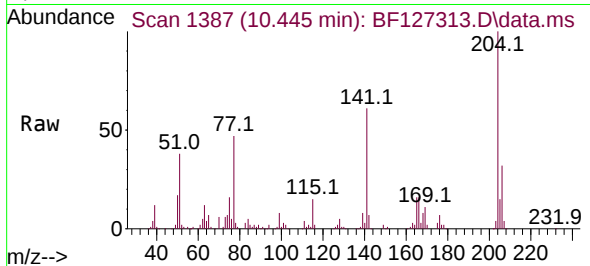




#61
4-Chlorophenyl-phenylether
Concen: 8.008 ng
RT: 10.445 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

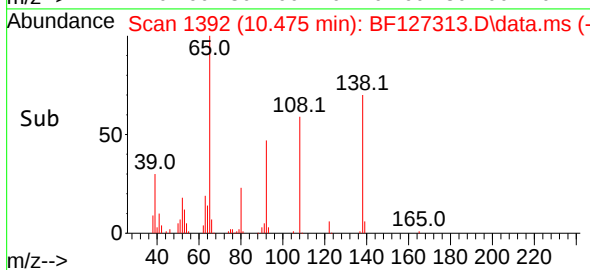
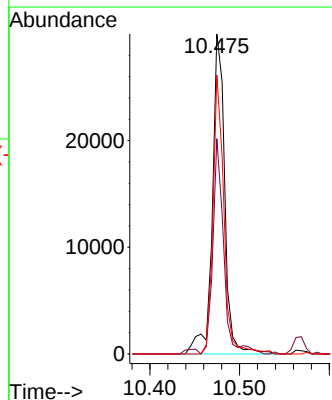
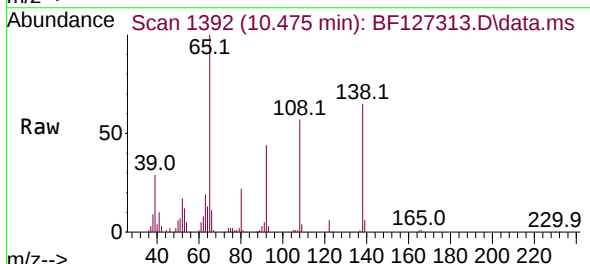
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2022

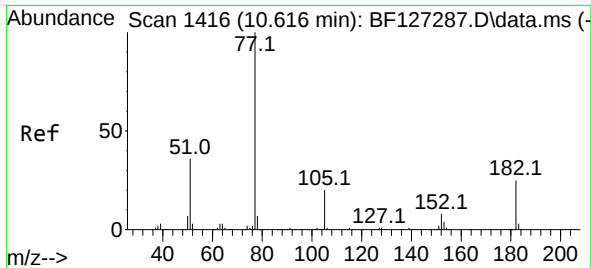
Tgt Ion:204 Resp: 67896
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 61.0 59.0 88.6



#62
4-Nitroaniline
Concen: 7.556 ng
RT: 10.475 min Scan# 1392
Delta R.T. -0.018 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

Tgt Ion:138 Resp: 28820
Ion Ratio Lower Upper
138 100
92 67.2 36.2 76.2
108 87.2 46.7 86.7#

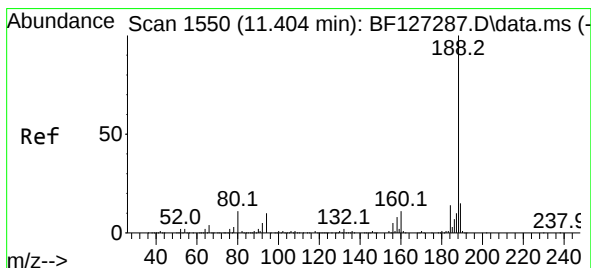
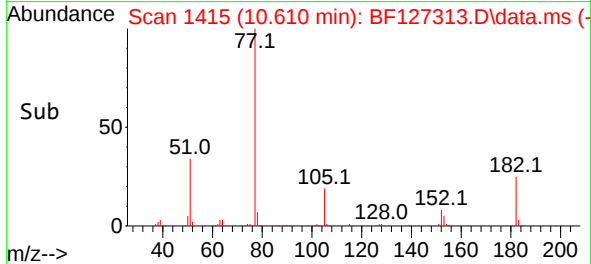
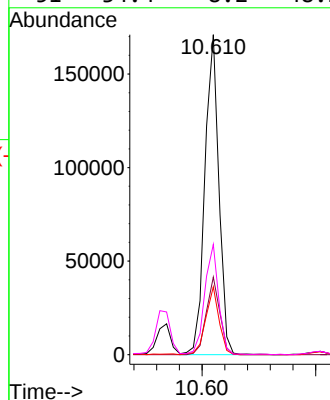
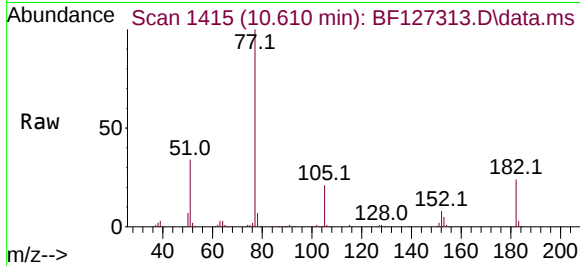




#63
Azobenzene
Concen: 8.014 ng
RT: 10.610 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

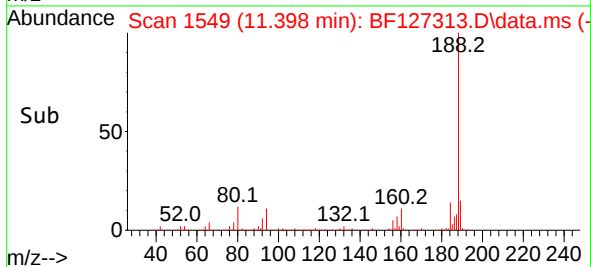
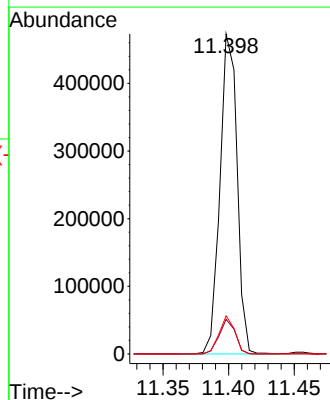
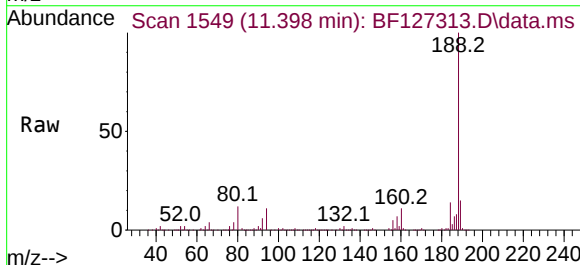
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2022

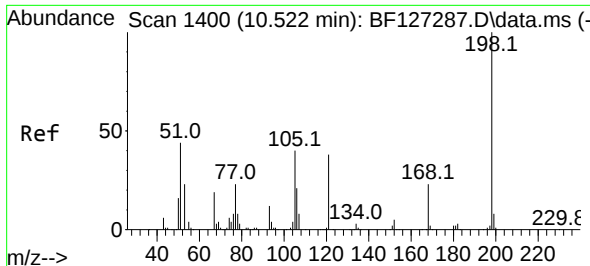
Tgt Ion: 77	Resp: 145906
Ion Ratio	Lower Upper
77 100	
182 24.2	0.0 39.0
105 21.2	3.2 43.2
51 34.4	8.2 48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

Tgt Ion:188	Resp: 428953
Ion Ratio	Lower Upper
188 100	
94 10.8	10.1 15.1
80 11.9	11.8 17.6

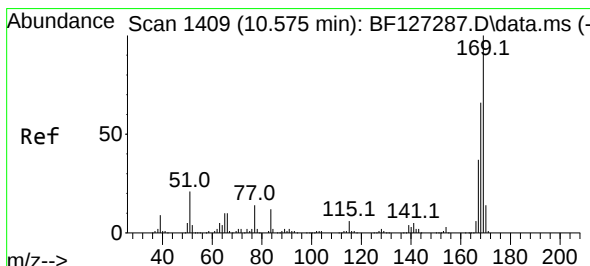
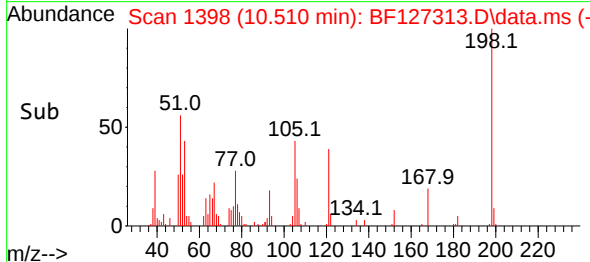
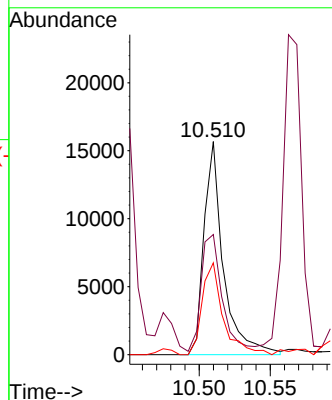
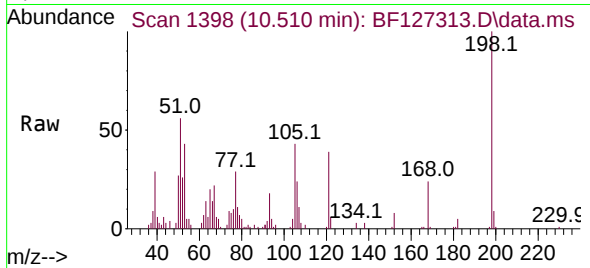




#65
4,6-Dinitro-2-methylphenol
Concen: 5.615 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

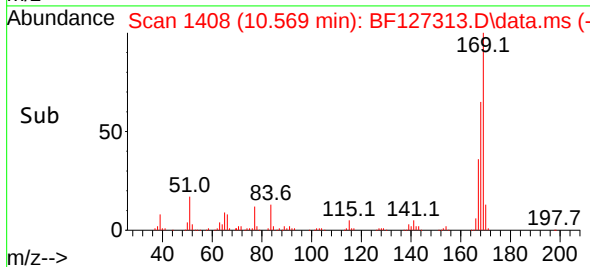
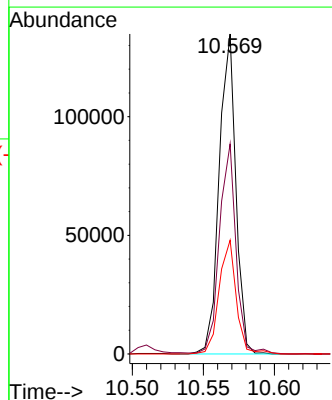
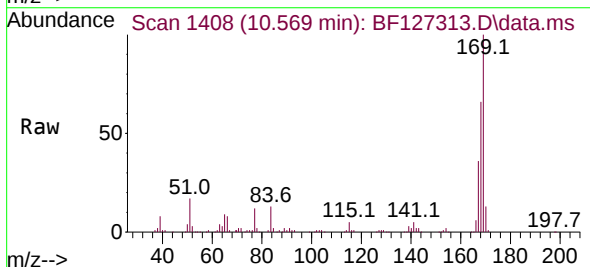
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2022

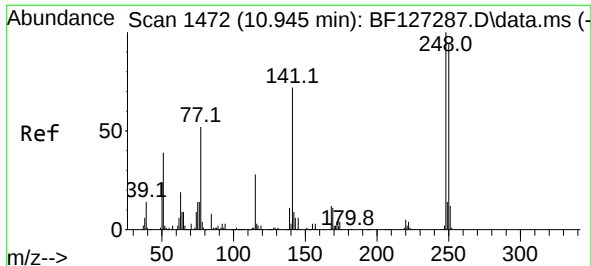
Tgt Ion:198 Resp: 14851
Ion Ratio Lower Upper
198 100
51 56.4 32.0 72.0
105 43.1 32.7 72.7



#66
n-Nitrosodiphenylamine
Concen: 8.225 ng
RT: 10.569 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

Tgt Ion:169 Resp: 109574
Ion Ratio Lower Upper
169 100
168 65.7 53.4 80.0
167 35.5 29.4 44.0

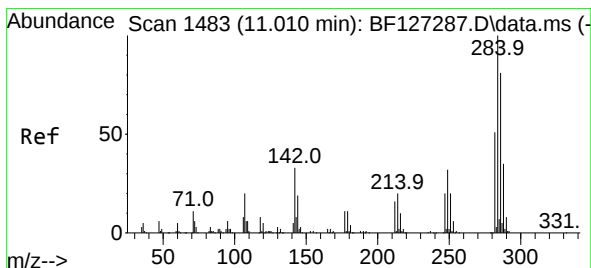
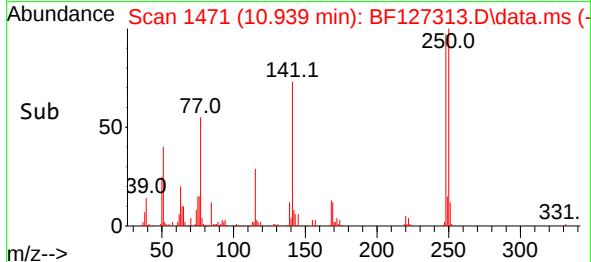
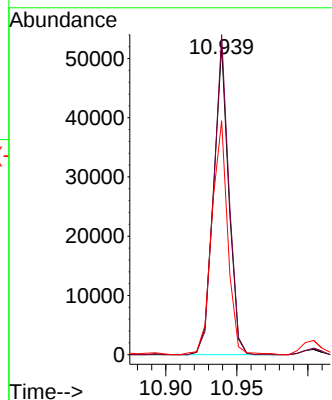
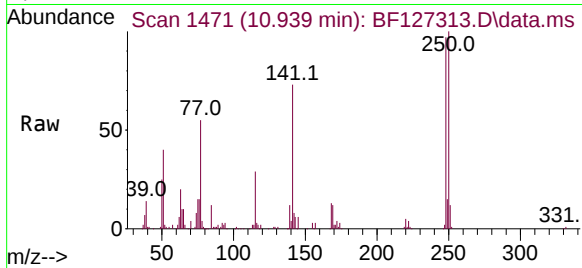




#67
4-Bromophenyl-phenylether
Concen: 7.567 ng
RT: 10.939 min Scan# 1471
Delta R.T. -0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

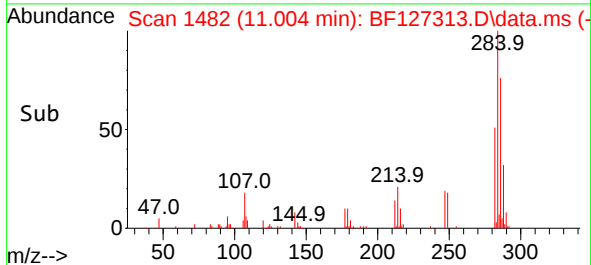
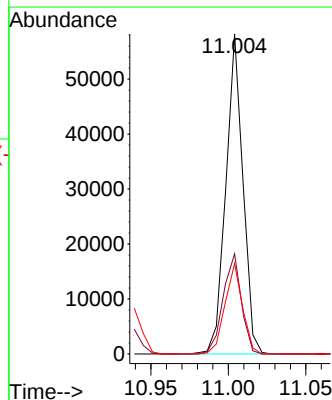
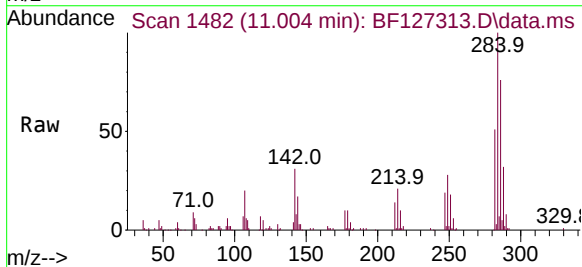
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2022

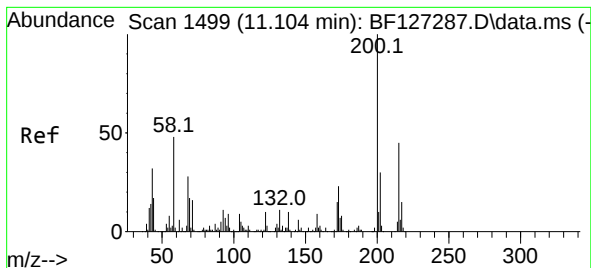
Tgt Ion:248 Resp: 39128
Ion Ratio Lower Upper
248 100
250 103.6 76.2 114.4
141 75.8 66.2 99.4



#68
Hexachlorobenzene
Concen: 7.914 ng
RT: 11.004 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

Tgt Ion:284 Resp: 44597
Ion Ratio Lower Upper
284 100
142 31.3 30.7 46.1
249 28.2 21.1 31.7





#69

Atrazine

Concen: 8.563 ng

RT: 11.092 min Scan# 1499

Delta R.T. -0.012 min

Lab File: BF127313.D

Acq: 14 Mar 2022 11:16

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT1-2022

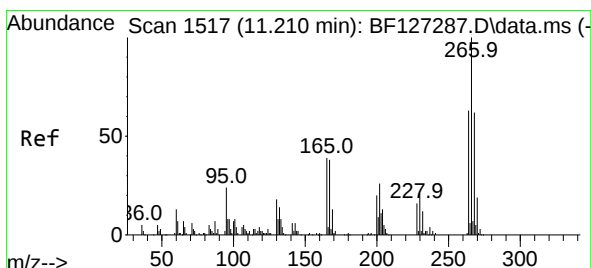
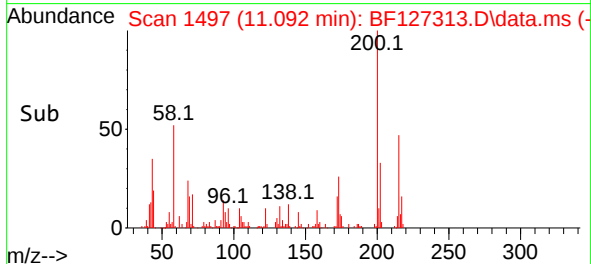
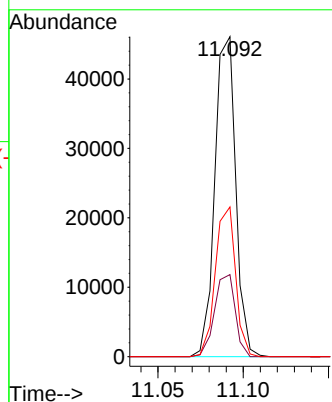
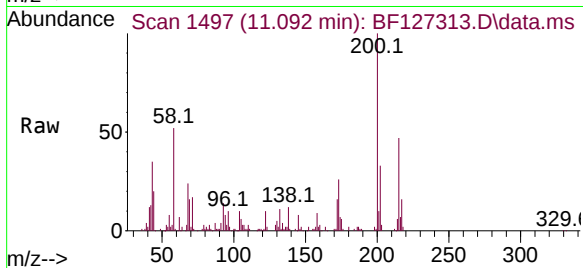
Tgt Ion:200 Resp: 39365

Ion Ratio Lower Upper

200 100

173 25.7 9.2 49.2

215 46.8 23.2 63.2



#70

Pentachlorophenol

Concen: 5.015 ng

RT: 11.210 min Scan# 1517

Delta R.T. -0.000 min

Lab File: BF127313.D

Acq: 14 Mar 2022 11:16

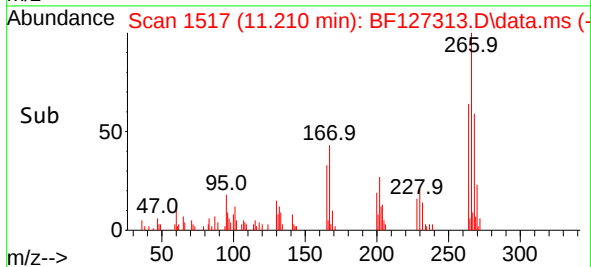
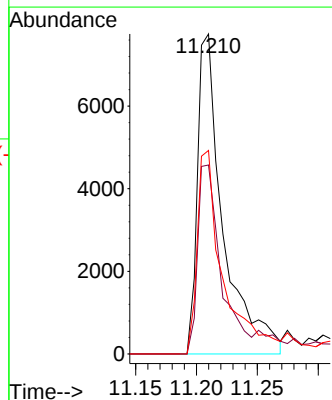
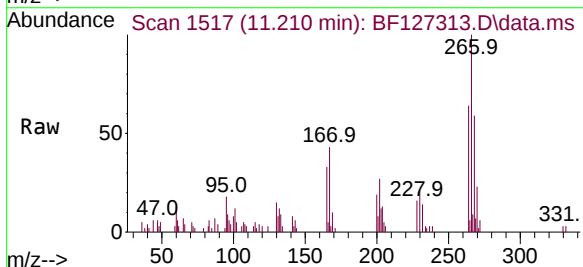
Tgt Ion:266 Resp: 11411

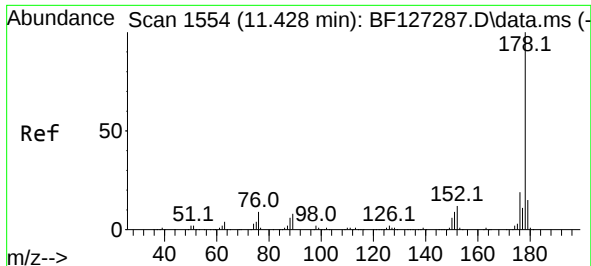
Ion Ratio Lower Upper

266 100

268 59.1 52.3 78.5

264 63.6 50.4 75.6

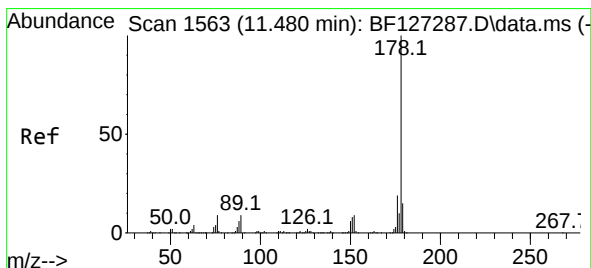
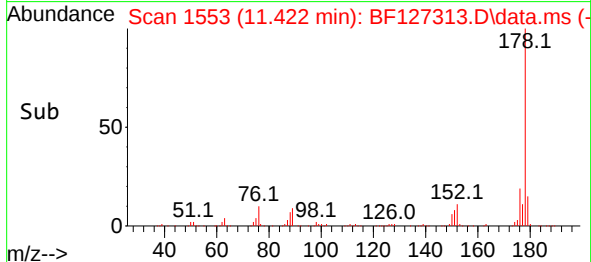
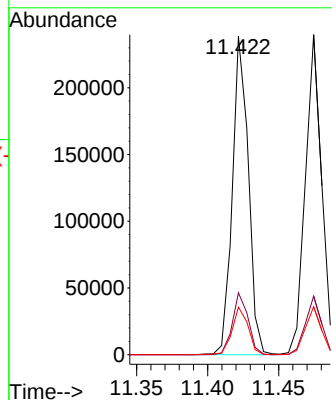
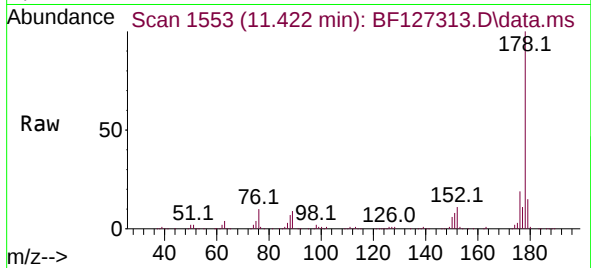




#71
Phenanthrene
Concen: 8.271 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

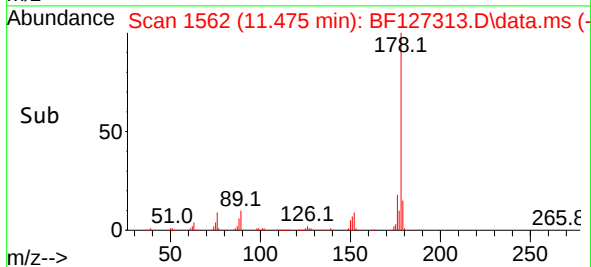
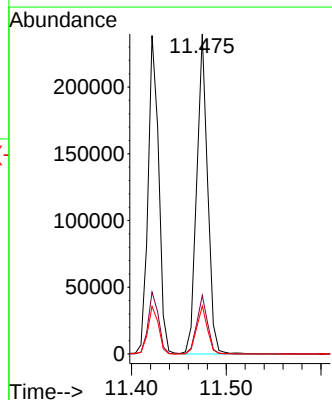
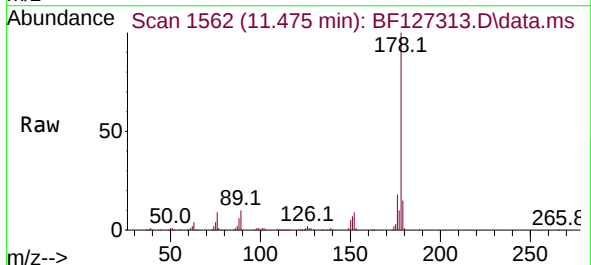
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2022

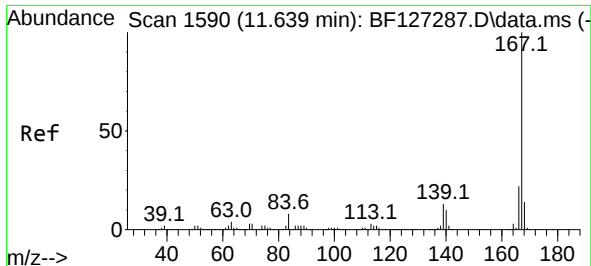
Tgt Ion:178 Resp: 187297
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 14.9 12.3 18.5



#72
Anthracene
Concen: 8.586 ng
RT: 11.475 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

Tgt Ion:178 Resp: 192543
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.6
179 15.0 12.5 18.7

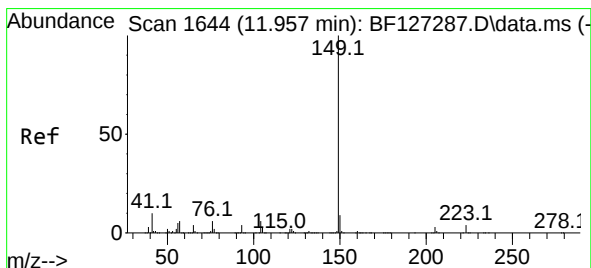
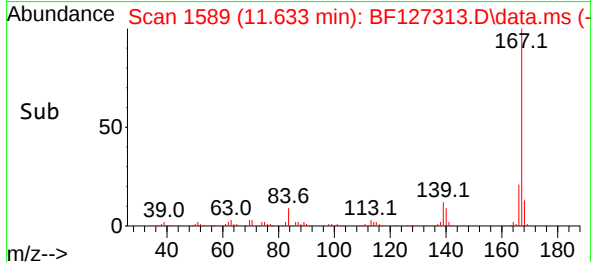
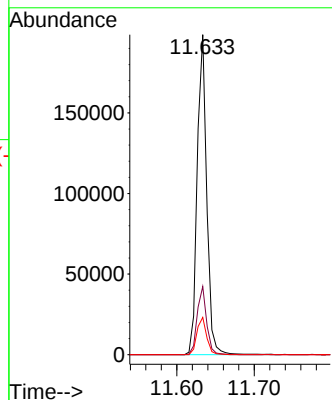
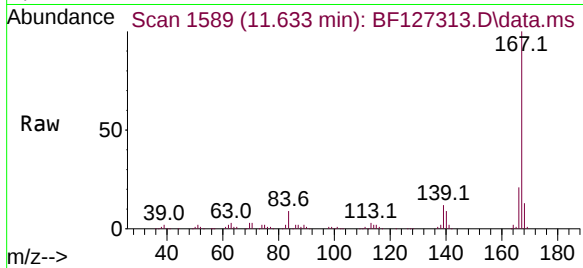




#73
 Carbazole
 Concen: 8.011 ng
 RT: 11.633 min Scan# 1589
 Delta R.T. -0.006 min
 Lab File: BF127313.D
 Acq: 14 Mar 2022 11:16

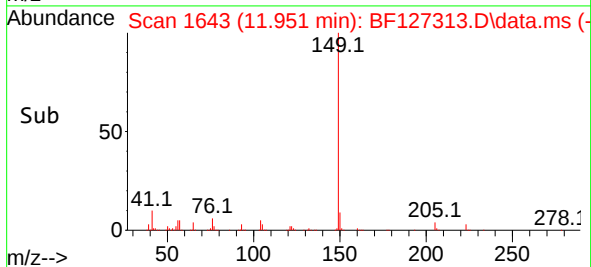
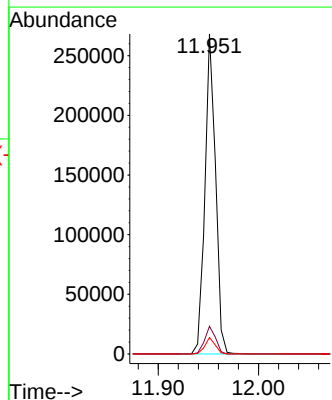
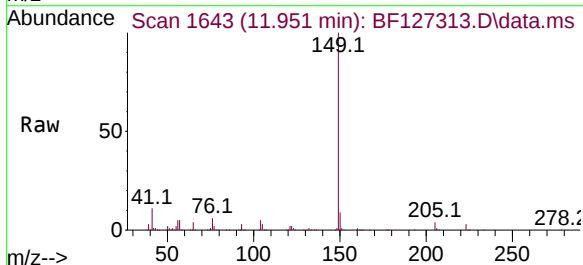
Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

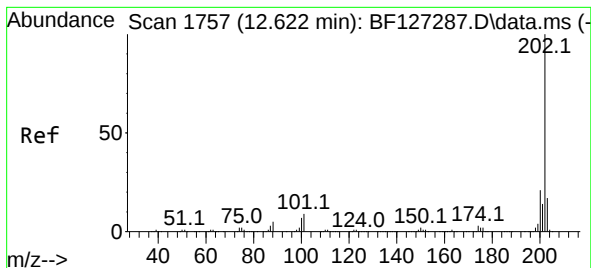
Tgt Ion:167 Resp: 169181
 Ion Ratio Lower Upper
 167 100
 166 21.3 16.9 25.3
 139 11.6 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 8.018 ng
 RT: 11.951 min Scan# 1643
 Delta R.T. -0.006 min
 Lab File: BF127313.D
 Acq: 14 Mar 2022 11:16

Tgt Ion:149 Resp: 198055
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.2 10.8
 104 5.2 4.2 6.2





#75

Fluoranthene

Concen: 8.338 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127313.D

Acq: 14 Mar 2022 11:16

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT1-2022

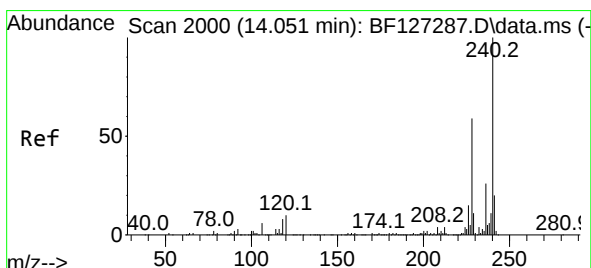
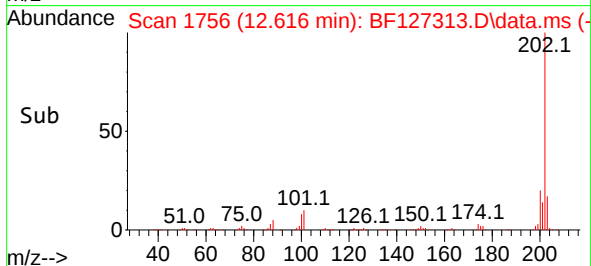
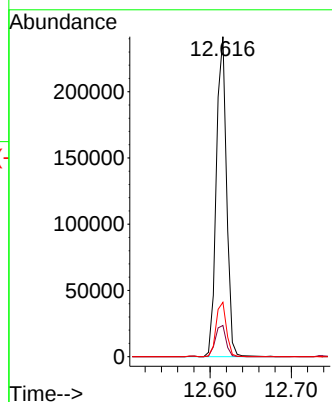
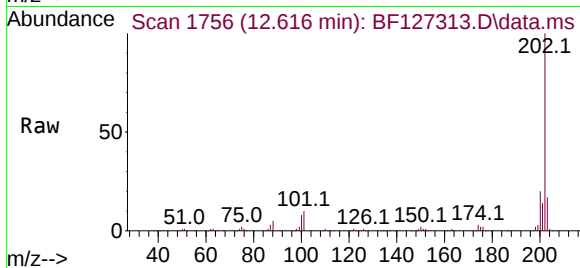
Tgt Ion:202 Resp: 211101

Ion Ratio Lower Upper

202 100

101 9.7 0.0 35.7

203 17.0 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 1999

Delta R.T. -0.006 min

Lab File: BF127313.D

Acq: 14 Mar 2022 11:16

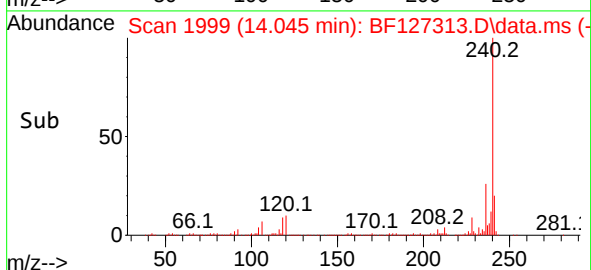
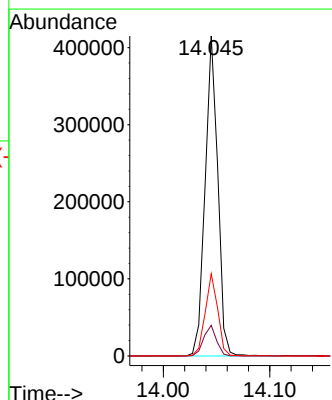
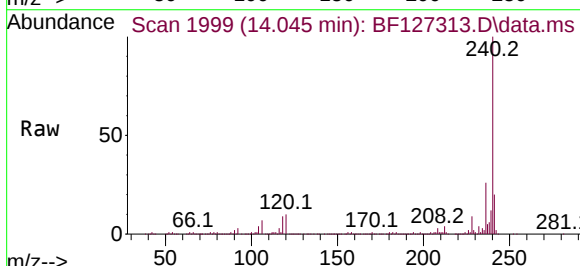
Tgt Ion:240 Resp: 343531

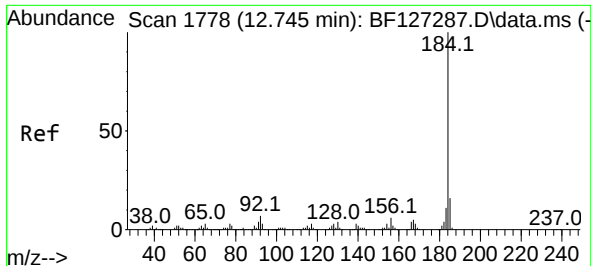
Ion Ratio Lower Upper

240 100

120 9.6 14.4 21.6#

236 25.7 20.5 30.7

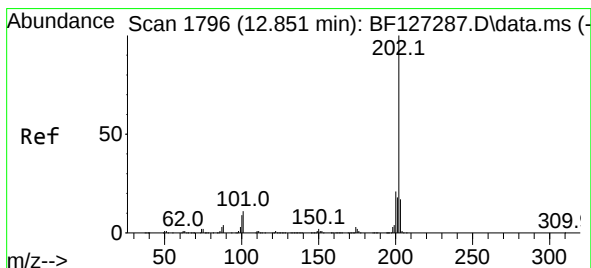
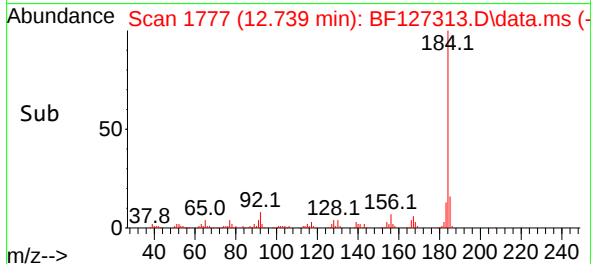
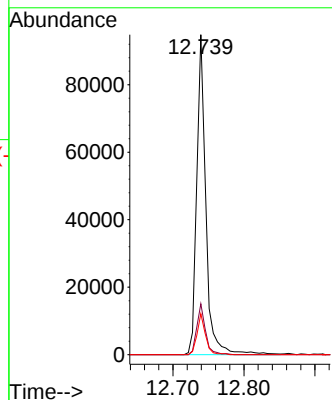
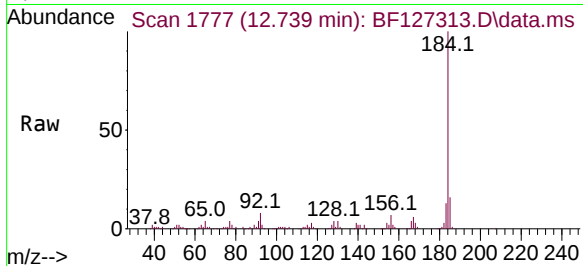




#77
Benzidine
Concen: 9.761 ng
RT: 12.739 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

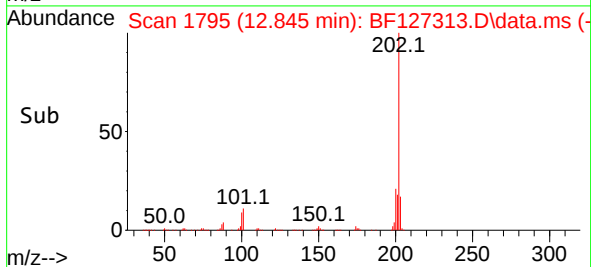
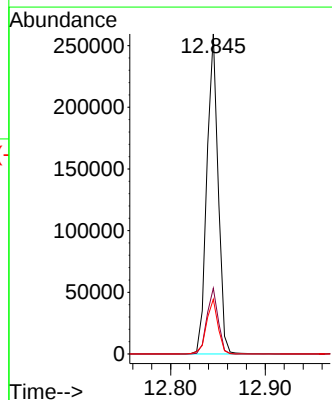
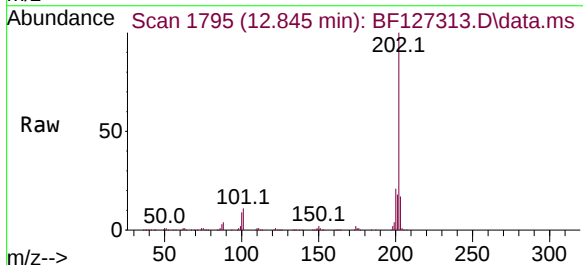
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ClientSampleId :
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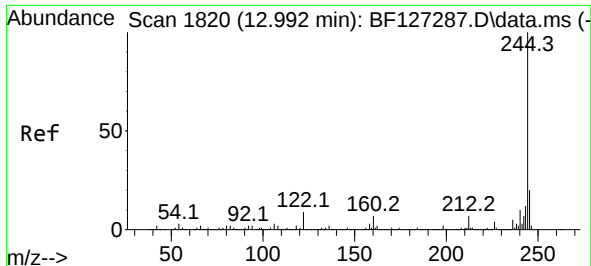
Tgt Ion:184 Resp: 85275
Ion Ratio Lower Upper
184 100
185 15.9 11.8 17.8
183 12.8 8.2 12.2#



#78
Pyrene
Concen: 7.995 ng
RT: 12.845 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

Tgt Ion:202 Resp: 213932
Ion Ratio Lower Upper
202 100
200 20.5 16.6 24.8
203 17.1 13.8 20.8

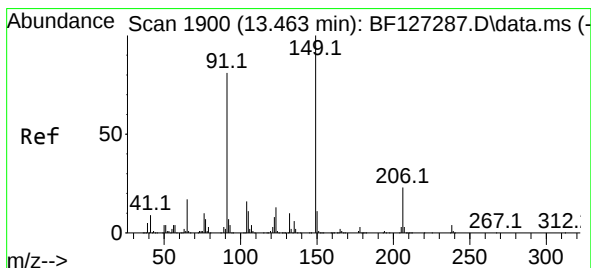
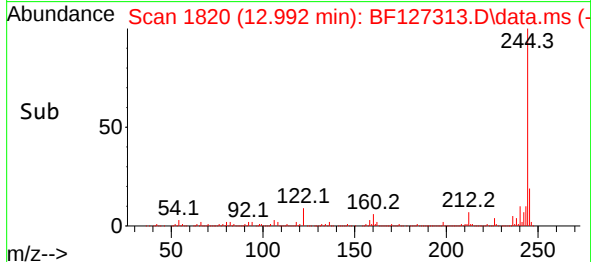
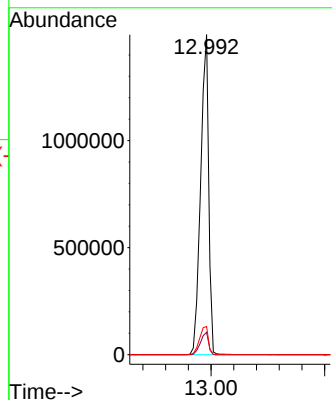
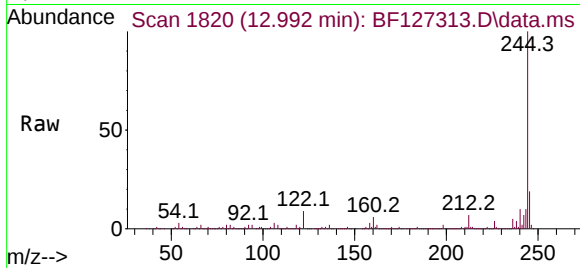




#79
 Terphenyl-d14
 Concen: 73.731 ng
 RT: 12.992 min Scan# 1820
 Delta R.T. -0.000 min
 Lab File: BF127313.D
 Acq: 14 Mar 2022 11:16

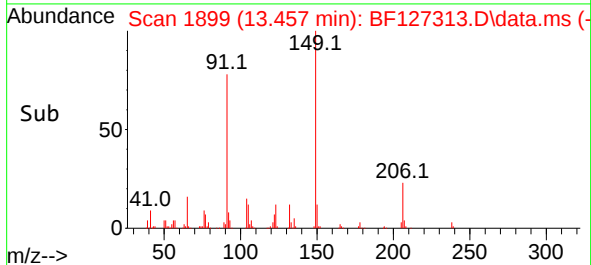
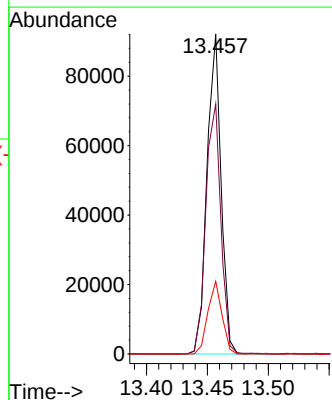
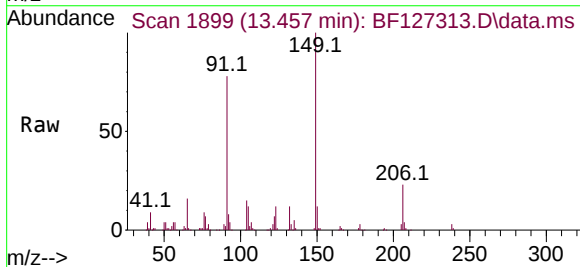
Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

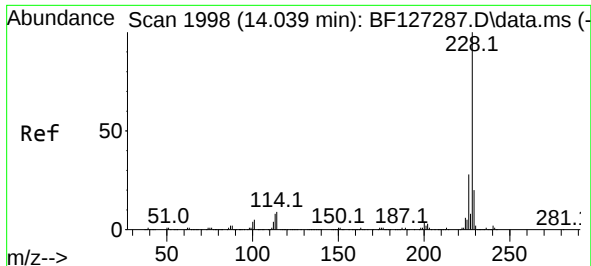
Tgt Ion:244 Resp: 1470947
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.4
 122 8.8 13.3 19.9#



#80
 Butylbenzylphthalate
 Concen: 7.218 ng
 RT: 13.457 min Scan# 1899
 Delta R.T. -0.006 min
 Lab File: BF127313.D
 Acq: 14 Mar 2022 11:16

Tgt Ion:149 Resp: 74332
 Ion Ratio Lower Upper
 149 100
 91 78.1 70.5 105.7
 206 22.7 12.6 19.0#

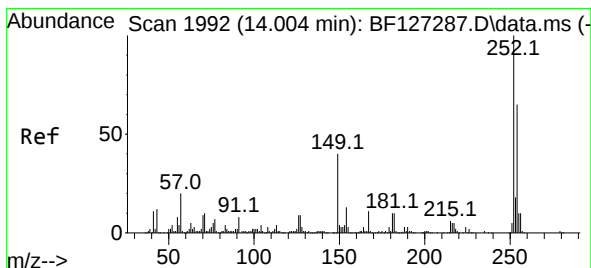
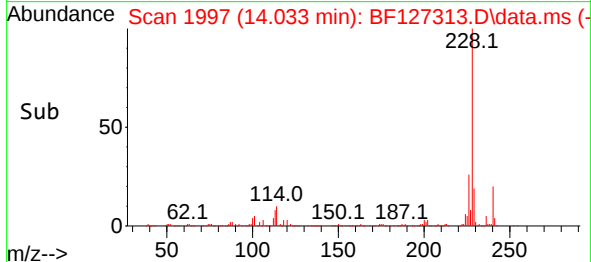
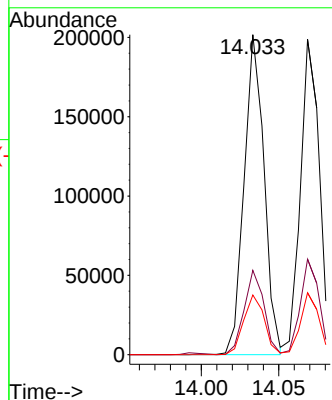
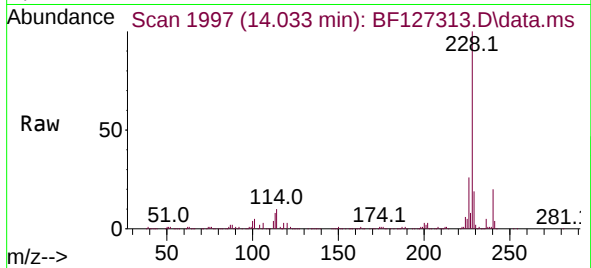




#81
Benzo(a)anthracene
Concen: 7.799 ng
RT: 14.033 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

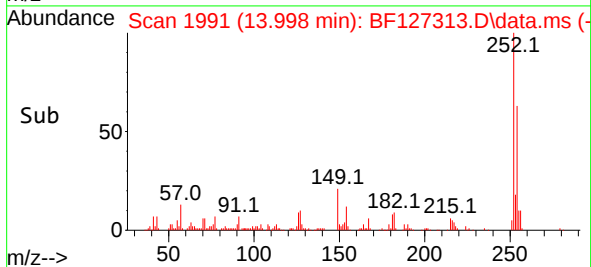
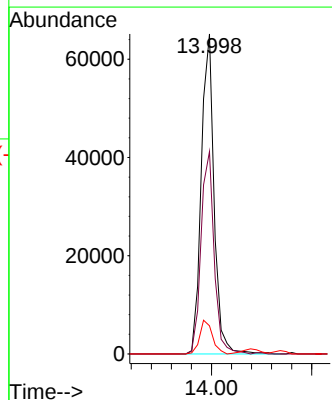
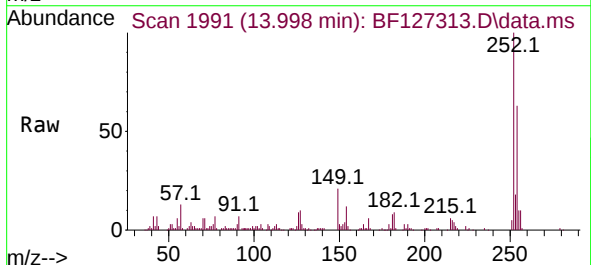
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2022

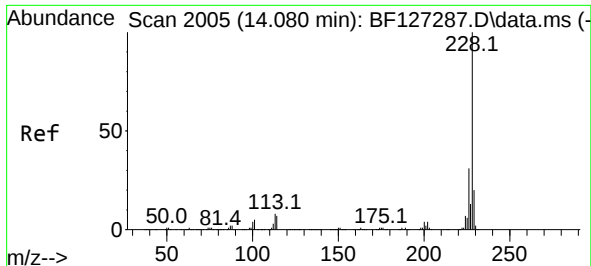
Tgt Ion:228 Resp: 180389
Ion Ratio Lower Upper
228 100
226 26.3 21.4 32.0
229 18.7 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 8.072 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

Tgt Ion:252 Resp: 58052
Ion Ratio Lower Upper
252 100
254 63.3 51.0 76.4
126 8.8 13.4 20.0#

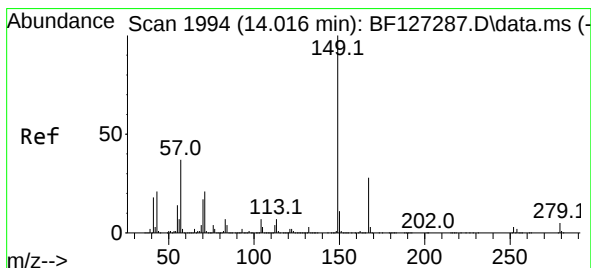
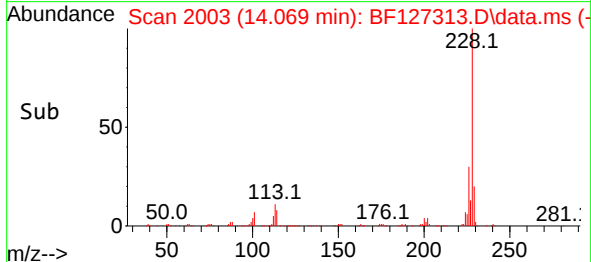
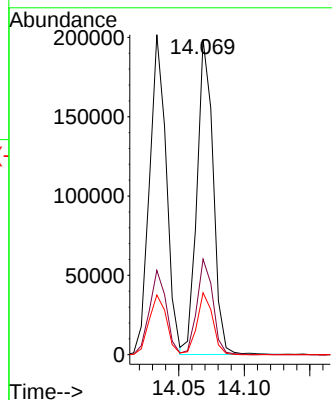
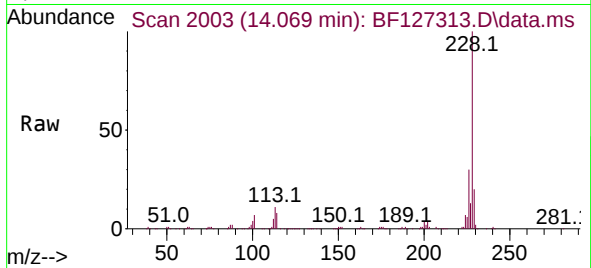




#83
Chrysene
Concen: 7.911 ng
RT: 14.069 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

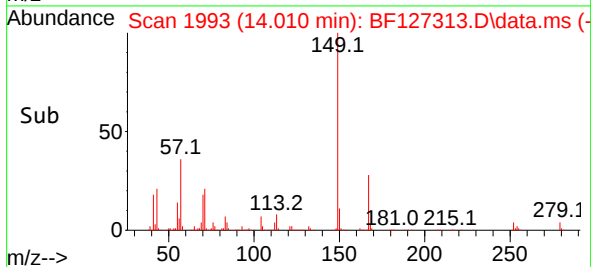
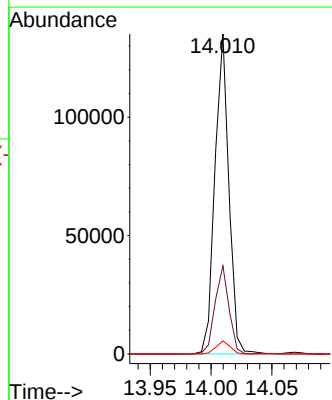
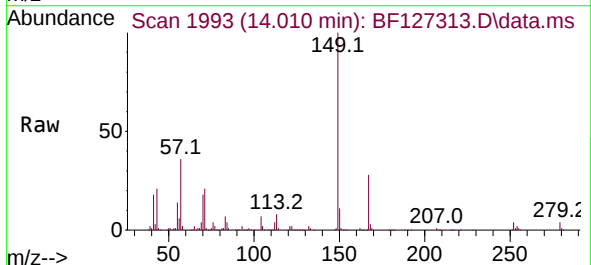
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2022

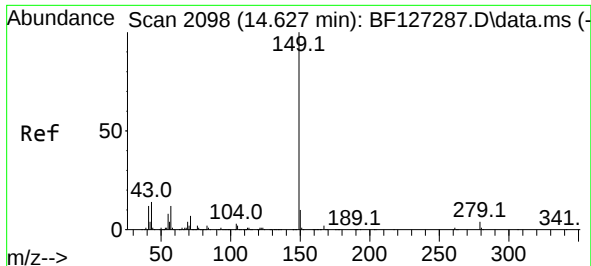
Tgt Ion:228 Resp: 170209
Ion Ratio Lower Upper
228 100
226 30.3 23.7 35.5
229 19.6 15.5 23.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 7.758 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

Tgt Ion:149 Resp: 107543
Ion Ratio Lower Upper
149 100
167 27.6 21.4 32.2
279 4.1 2.4 3.6#

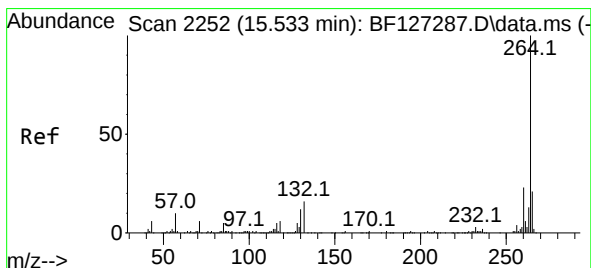
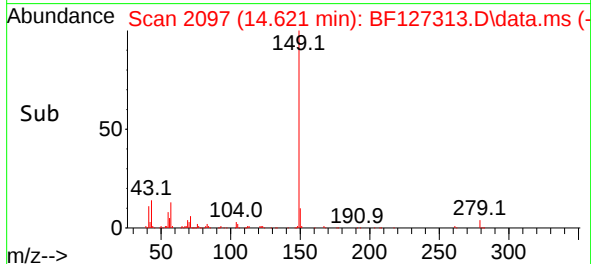
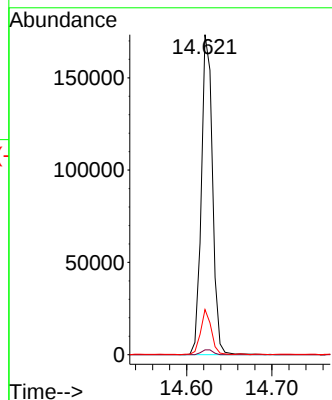
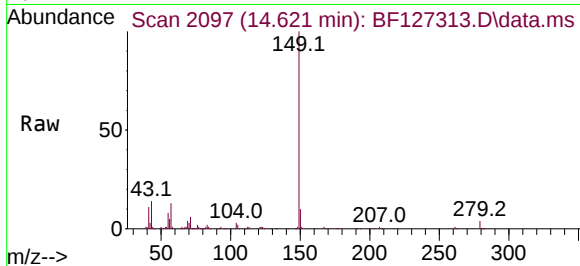




#85
Di-n-octyl phthalate
Concen: 7.516 ng
RT: 14.621 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

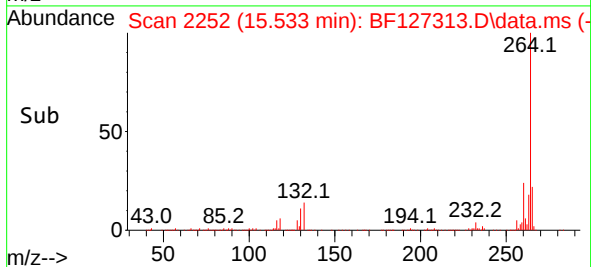
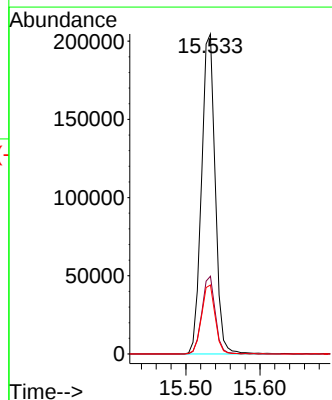
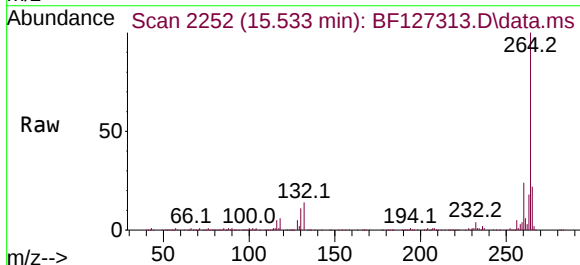
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BNA_F
ClientSampleId :
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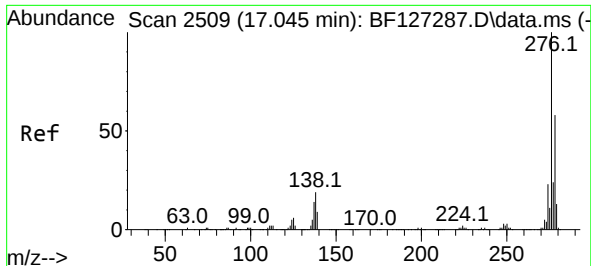
Tgt Ion:149 Resp: 157698
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 13.6 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2252
Delta R.T. -0.000 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

Tgt Ion:264 Resp: 262932
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.5 17.4 26.2

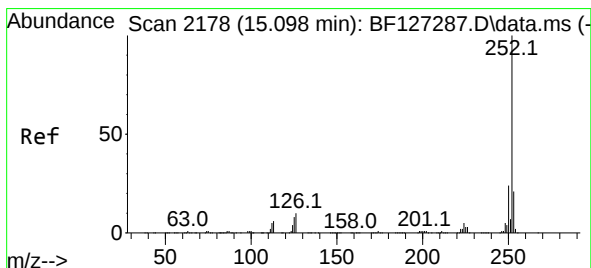
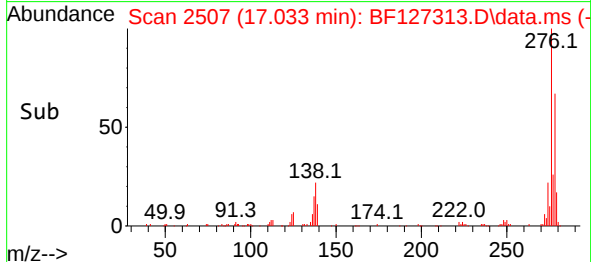
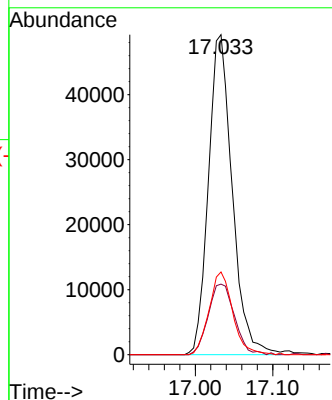
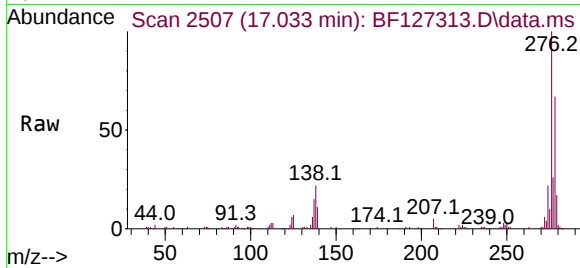




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 6.632 ng
 RT: 17.033 min Scan# 2177
 Delta R.T. -0.012 min
 Lab File: BF127313.D
 Acq: 14 Mar 2022 11:16

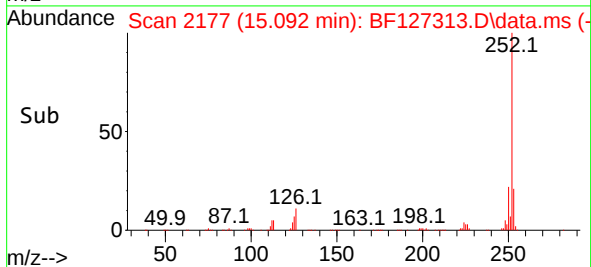
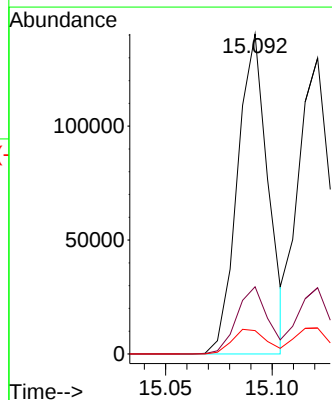
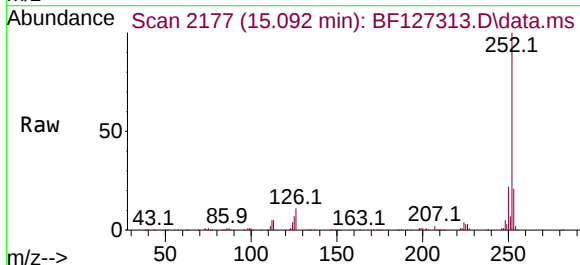
Instrument :
 BNA_F
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 MDL-SOIL-03-QT1-2022

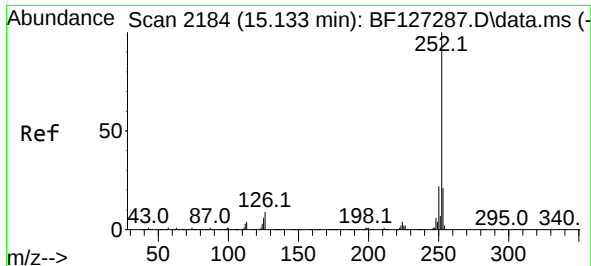
Tgt Ion:276 Resp: 105053
 Ion Ratio Lower Upper
 276 100
 138 24.3 29.2 43.8#
 277 25.6 19.8 29.8



#88
 Benzo(b)fluoranthene
 Concen: 8.162 ng
 RT: 15.092 min Scan# 2177
 Delta R.T. -0.006 min
 Lab File: BF127313.D
 Acq: 14 Mar 2022 11:16

Tgt Ion:252 Resp: 140859
 Ion Ratio Lower Upper
 252 100
 253 21.0 17.8 26.8
 125 7.3 12.4 18.6#

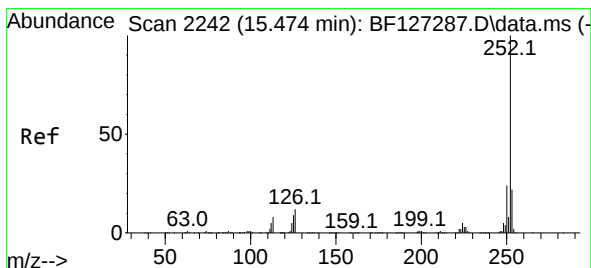
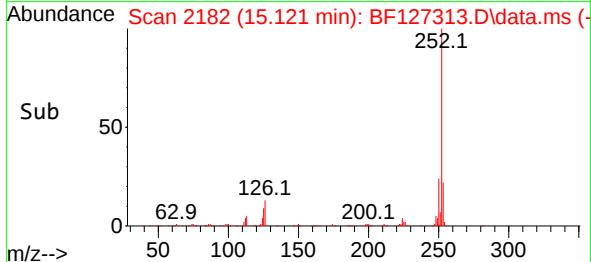
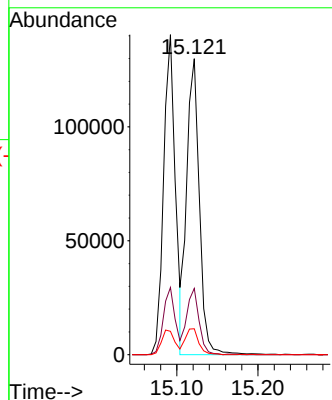
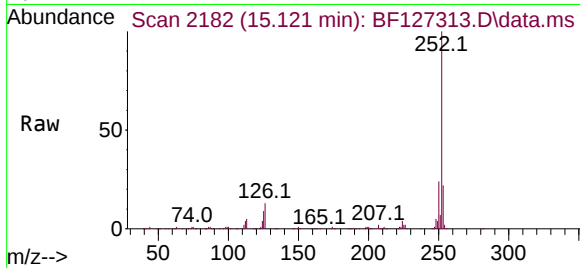




#89
Benzo(k)fluoranthene
Concen: 8.701 ng
RT: 15.121 min Scan# 2184
Delta R.T. -0.012 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

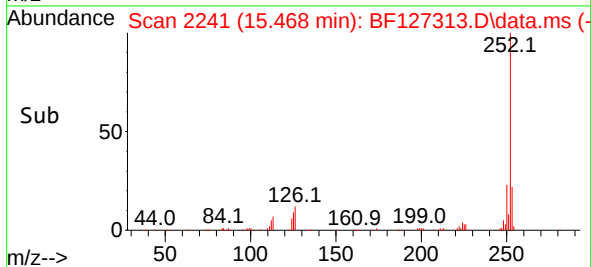
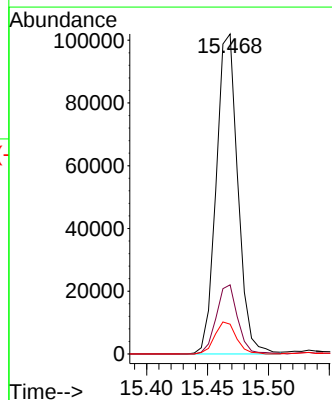
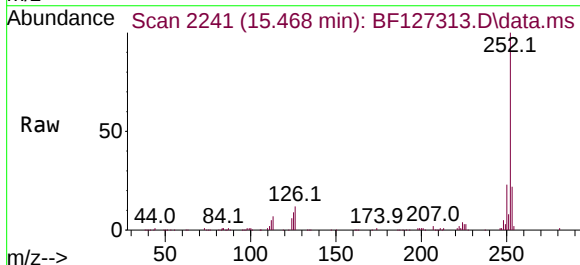
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BNA_F
ClientSampleId :
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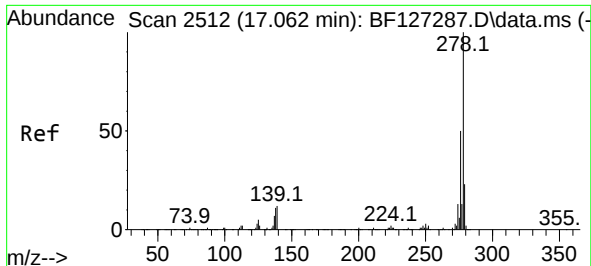
Tgt Ion:252 Resp: 141205
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 8.8 11.8 17.6#



#90
Benzo(a)pyrene
Concen: 9.274 ng
RT: 15.468 min Scan# 2241
Delta R.T. -0.006 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

Tgt Ion:252 Resp: 126041
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 9.3 13.0 19.6#

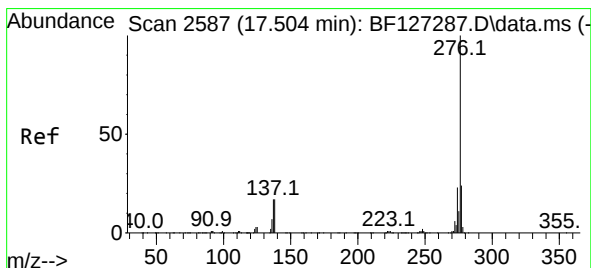
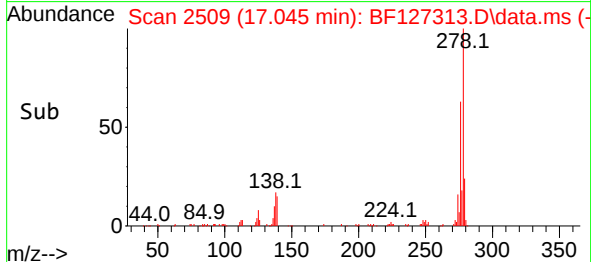
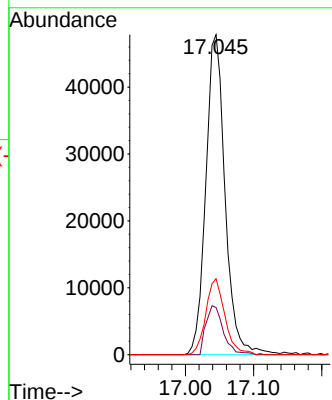
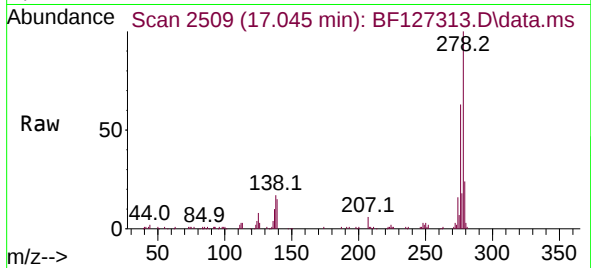




#91
Dibenzo(a,h)anthracene
Concen: 7.138 ng
RT: 17.045 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion:278 Resp: 94102
Ion Ratio Lower Upper
278 100
139 14.7 18.0 27.0#
279 23.8 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 6.976 ng
RT: 17.486 min Scan# 2584
Delta R.T. -0.018 min
Lab File: BF127313.D
Acq: 14 Mar 2022 11:16

Tgt Ion:276 Resp: 89704
Ion Ratio Lower Upper
276 100
277 21.9 18.5 27.7
138 19.4 25.9 38.9#

