

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138825.D
 Acq On : 07 Aug 2024 01:02
 Operator : RC/JU
 Sample : P3352-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMPMSD

Quant Time: Aug 07 01:43:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	45180	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	186018	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	105064	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	172727	20.000	ng	0.00
76) Chrysene-d12	14.004	240	86871	20.000	ng	# 0.00
86) Perylene-d12	15.456	264	94985	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	384847	131.490	ng	0.02
7) Phenol-d6	6.492	99	506929	129.004	ng	0.00
23) Nitrobenzene-d5	7.410	82	355855	93.530	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	129363	150.315	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	666261	95.281	ng	0.00
79) Terphenyl-d14	12.945	244	575884	110.990	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.804	88	48335	37.721	ng	# 78
3) Pyridine	3.528	79	111901	36.050	ng	96
4) n-Nitrosodimethylamine	3.457	42	100740	54.492	ng	88
6) Aniline	6.510	93	115270	32.893	ng	# 18
8) 2-Chlorophenol	6.634	128	164333	53.366	ng	97
10) Phenol	6.504	94	201946	48.810	ng	90
11) bis(2-Chloroethyl)ether	6.581	93	157655	49.517	ng	98
12) 1,3-Dichlorobenzene	6.781	146	169705	49.233	ng	99
13) 1,4-Dichlorobenzene	6.857	146	172093	49.472	ng	99
14) 1,2-Dichlorobenzene	7.010	146	161716	49.743	ng	98
15) Benzyl Alcohol	6.992	79	161655	57.077	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	249450	45.526	ng	# 47
17) 2-Methylphenol	7.110	107	133029	52.317	ng	# 85
18) Hexachloroethane	7.345	117	64389	49.173	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	129280	54.471	ng	97
20) 3+4-Methylphenols	7.263	107	180577	55.350	ng	# 79
22) Acetophenone	7.257	105	227005	49.840	ng	98
24) Nitrobenzene	7.428	77	190801	49.282	ng	99
25) Isophorone	7.669	82	346336	53.309	ng	99
26) 2-Nitrophenol	7.745	139	91174	54.737	ng	99
27) 2,4-Dimethylphenol	7.781	122	117631	59.024	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	199649	50.463	ng	99
29) 2,4-Dichlorophenol	7.986	162	142771	55.750	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	150174	50.815	ng	98
31) Naphthalene	8.145	128	497536	50.813	ng	100
32) Benzoic acid	7.928	122	64675	41.284	ng	96
33) 4-Chloroaniline	8.198	127	81195	24.704	ng	99
34) Hexachlorobutadiene	8.251	225	89368	49.925	ng	98
35) Caprolactam	8.586	113	19393	25.379	ng	98
36) 4-Chloro-3-methylphenol	8.692	107	164407	56.175	ng	98
37) 2-Methylnaphthalene	8.833	142	331969	53.684	ng	100
38) 1-Methylnaphthalene	8.933	142	310599	51.258	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	141365	48.437	ng	99
41) Hexachlorocyclopentadiene	8.980	237	101277	126.654	ng	100
43) 2,4,6-Trichlorophenol	9.122	196	97625	54.862	ng	99
44) 2,4,5-Trichlorophenol	9.169	196	102774	52.831	ng	99

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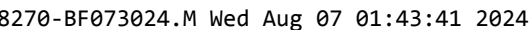
Instrument :
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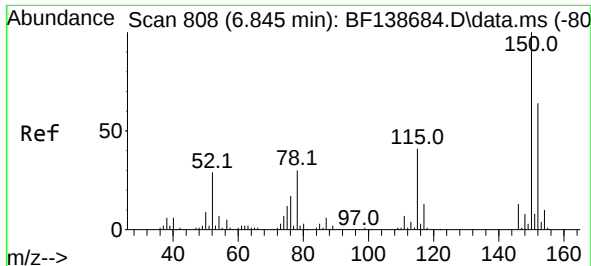
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.298	154	401864	48.838	ng	98
47) 2-Chloronaphthalene	9.327	162	313977	51.305	ng	99
48) 2-Nitroaniline	9.427	65	112279	54.119	ng	100
49) Acenaphthylene	9.739	152	491204	56.593	ng	99
50) Dimethylphthalate	9.604	163	381606	56.804	ng	99
51) 2,6-Dinitrotoluene	9.669	165	82272	54.265	ng	94
52) Acenaphthene	9.910	154	301285	51.638	ng	100
53) 3-Nitroaniline	9.839	138	56826	36.257	ng	96
54) 2,4-Dinitrophenol	9.957	184	76792	110.030	ng	91
55) Dibenzofuran	10.086	168	448755	54.486	ng	99
56) 4-Nitrophenol	10.022	139	80047	84.930	ng	94
57) 2,4-Dinitrotoluene	10.074	165	109057	56.380	ng	# 87
58) Fluorene	10.427	166	361893	55.177	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	85414	57.431	ng	97
60) Diethylphthalate	10.298	149	365930	57.448	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	178601	55.368	ng	98
62) 4-Nitroaniline	10.463	138	75459	50.662	ng	89
63) Azobenzene	10.574	77	375910	53.210	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	59265	56.240	ng	97
66) n-Nitrosodiphenylamine	10.539	169	306115	56.698	ng	100
67) 4-Bromophenyl-phenylether	10.904	248	104231	55.736	ng	99
68) Hexachlorobenzene	10.974	284	106354	55.080	ng	96
69) Atrazine	11.063	200	84873	60.930	ng	100
70) Pentachlorophenol	11.174	266	90270	103.719	ng	99
71) Phenanthrene	11.386	178	500470	56.270	ng	100
72) Anthracene	11.439	178	506498	57.807	ng	99
73) Carbazole	11.598	167	411864	54.484	ng	99
74) Di-n-butylphthalate	11.916	149	539304	63.463	ng	100
75) Fluoranthene	12.574	202	440003	52.992	ng	98
77) Benzidine	12.698	184	15698	7.555	ng	98
78) Pyrene	12.804	202	435250	53.214	ng	100
80) Butylbenzylphthalate	13.415	149	163072	62.260	ng	96
81) Benzo(a)anthracene	13.992	228	338988	56.667	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	77010	50.305	ng	97
83) Chrysene	14.027	228	300274	55.637	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	217614	56.739	ng	98
85) Di-n-octyl phthalate	14.580	149	349717	49.283	ng	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	323385	47.508	ng	97
88) Benzo(b)fluoranthene	15.039	252	319223	54.215	ng	98
89) Benzo(k)fluoranthene	15.068	252	287139	56.323	ng	98
90) Benzo(a)pyrene	15.404	252	283161	57.172	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	261398	46.781	ng	98
92) Benzo(g,h,i)perylene	17.374	276	231670	39.955	ng	98

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

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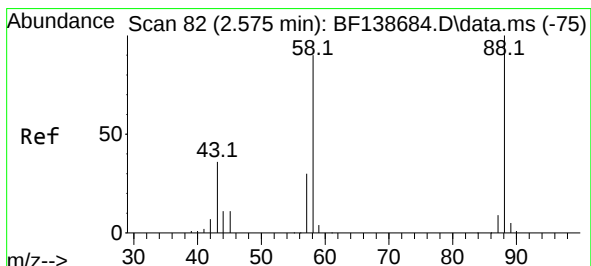
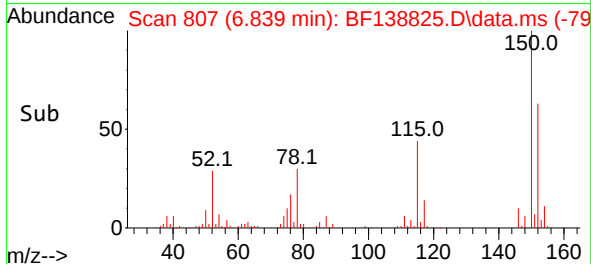
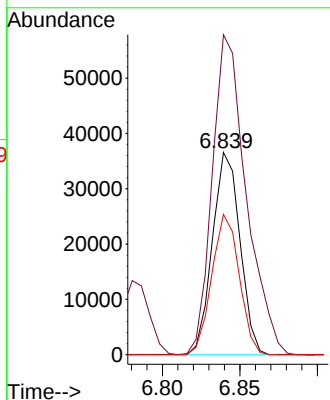
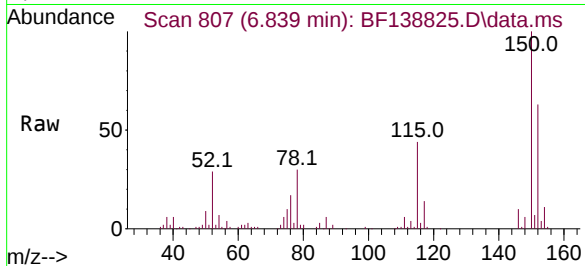




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

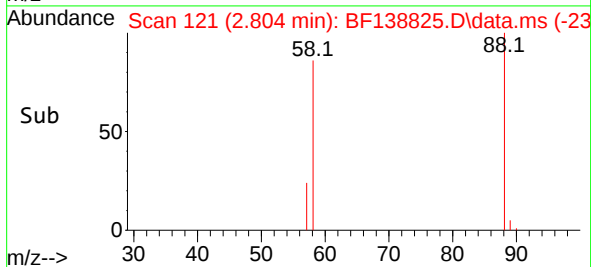
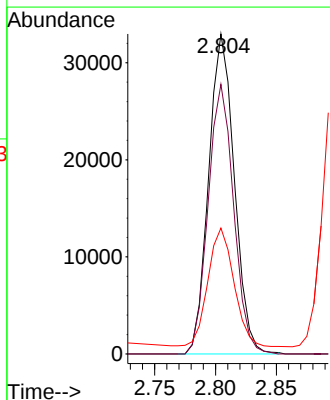
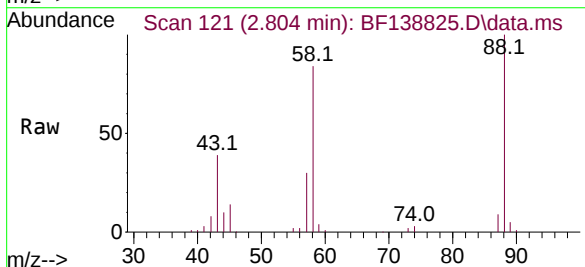
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMSD

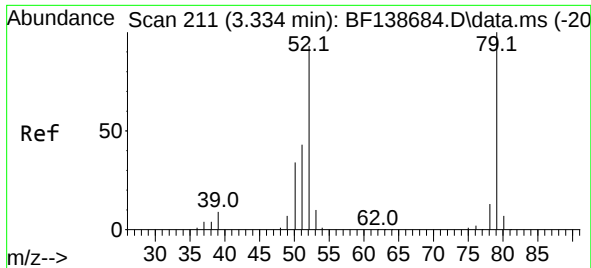
Tgt Ion:152 Resp: 45180
Ion Ratio Lower Upper
152 100
150 158.2 126.0 189.0
115 69.4 51.7 77.5



#2
1,4-Dioxane
Concen: 37.721 ng
RT: 2.804 min Scan# 121
Delta R.T. 0.229 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

Tgt Ion: 88 Resp: 48335
Ion Ratio Lower Upper
88 100
58 83.9 71.6 107.4
43 0.0 28.7 43.1#





#3

Pyridine

Concen: 36.050 ng

RT: 3.528 min Scan# 244

Delta R.T. 0.194 min

Lab File: BF138825.D

Acq: 07 Aug 2024 01:02

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMSD

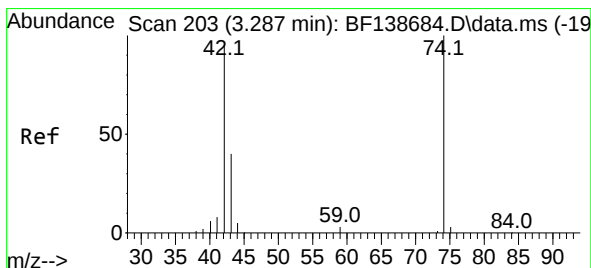
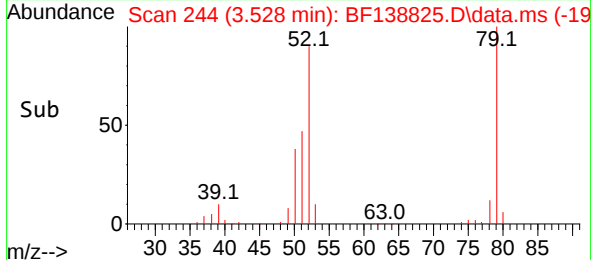
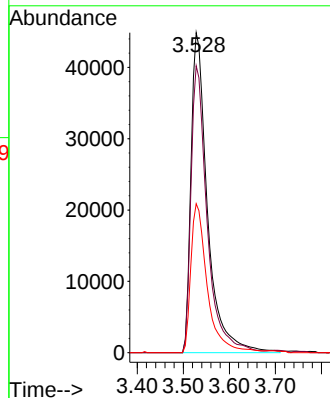
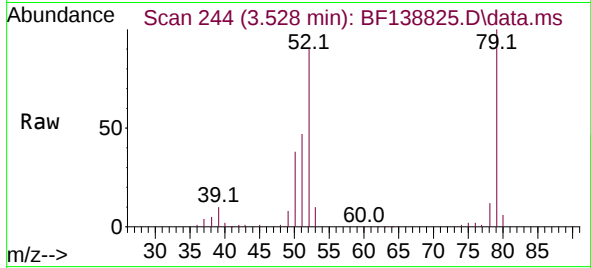
Tgt Ion: 79 Resp: 111901

Ion Ratio Lower Upper

79 100

52 89.6 74.7 112.1

51 46.6 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 54.492 ng

RT: 3.457 min Scan# 232

Delta R.T. 0.170 min

Lab File: BF138825.D

Acq: 07 Aug 2024 01:02

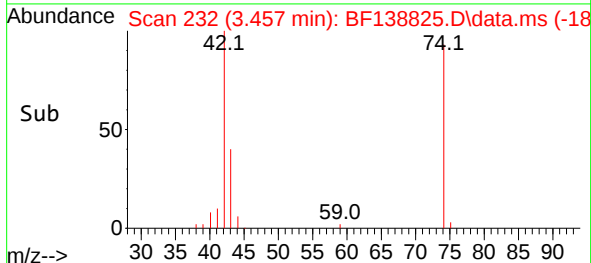
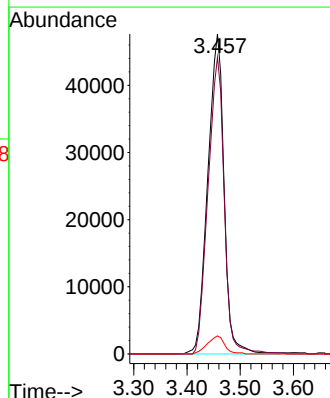
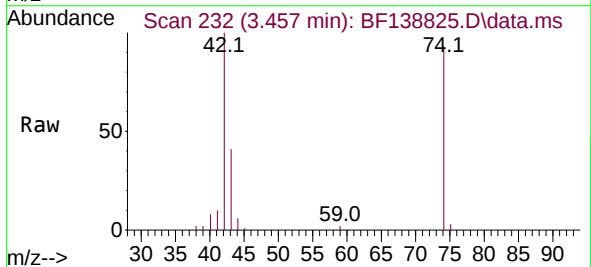
Tgt Ion: 42 Resp: 100740

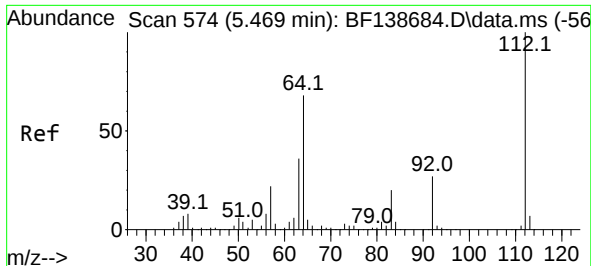
Ion Ratio Lower Upper

42 100

74 92.7 84.2 126.4

44 5.6 4.9 7.3

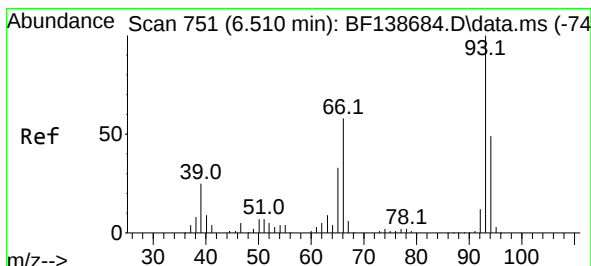
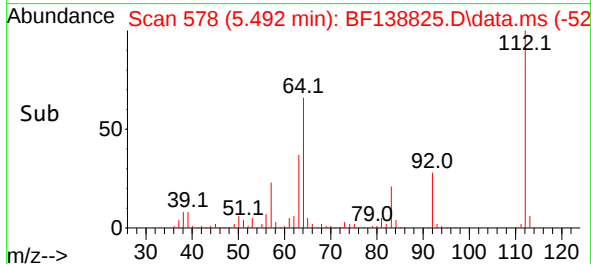
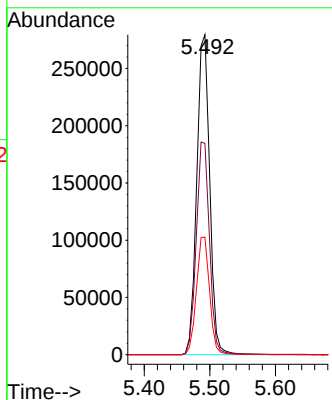
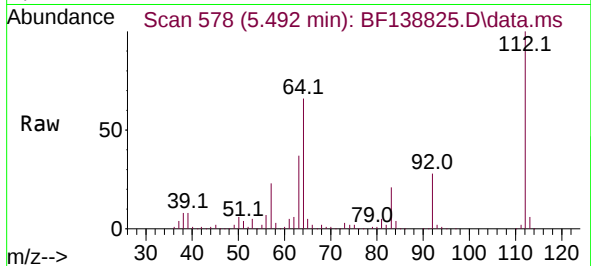




#5
2-Fluorophenol
Concen: 131.490 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

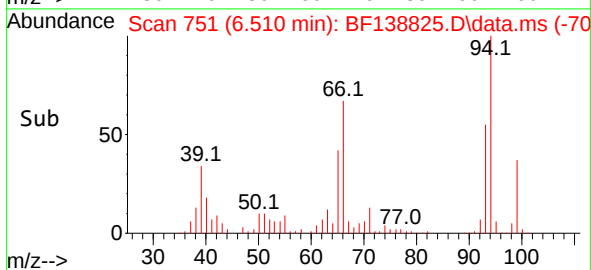
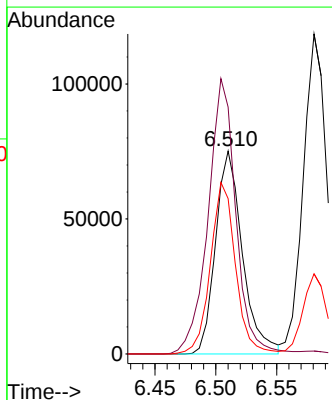
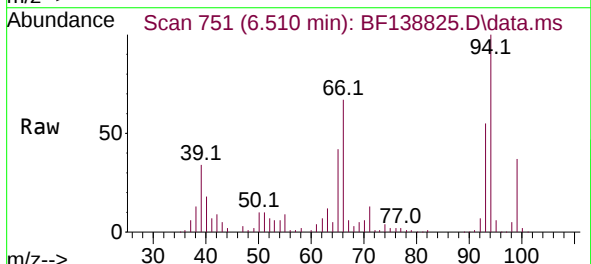
Instrument :
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ClientSampleId :
SOIL-COMPMSD

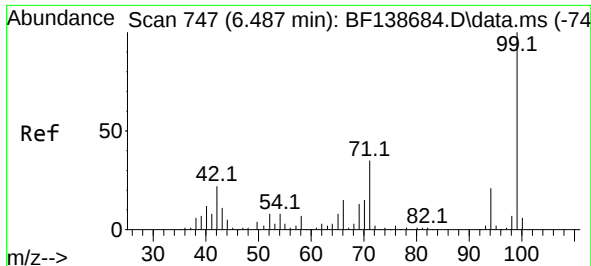
Tgt Ion:112 Resp: 384847
Ion Ratio Lower Upper
112 100
64 66.1 54.2 81.4
63 36.7 28.7 43.1



#6
Aniline
Concen: 32.893 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

Tgt Ion: 93 Resp: 115270
Ion Ratio Lower Upper
93 100
66 121.7 46.9 70.3#
65 76.6 26.5 39.7#

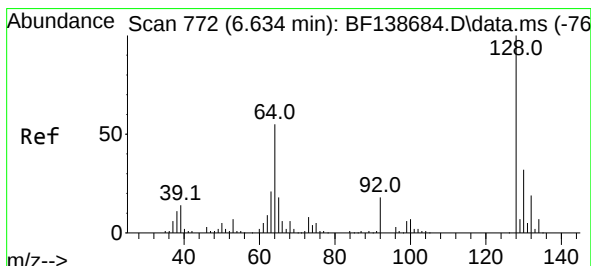
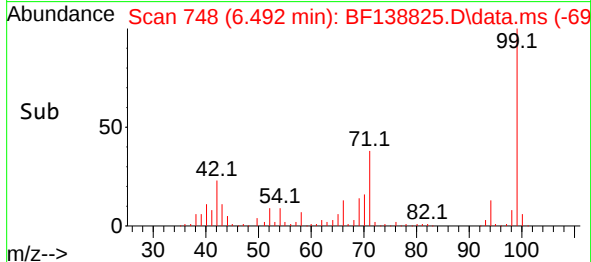
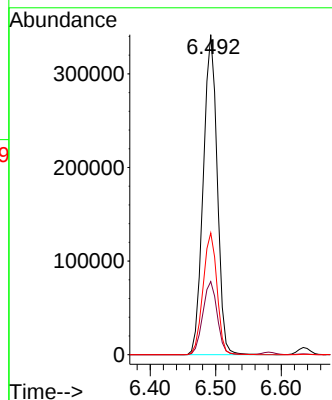
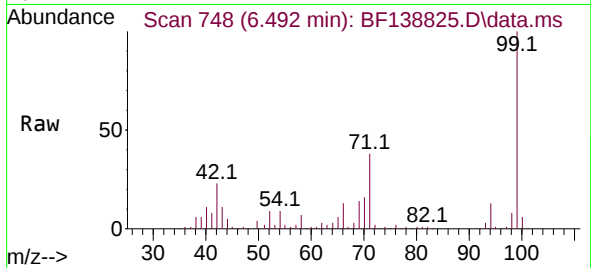




#7
Phenol-d6
Concen: 129.004 ng
RT: 6.492 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

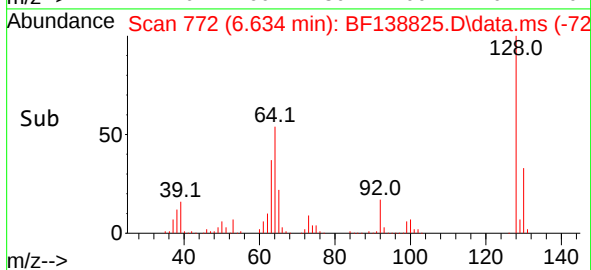
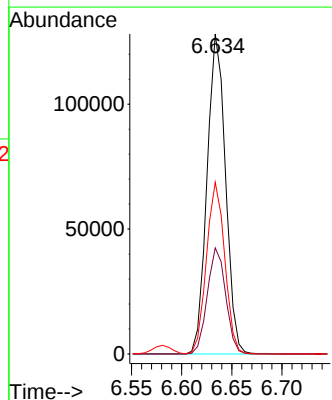
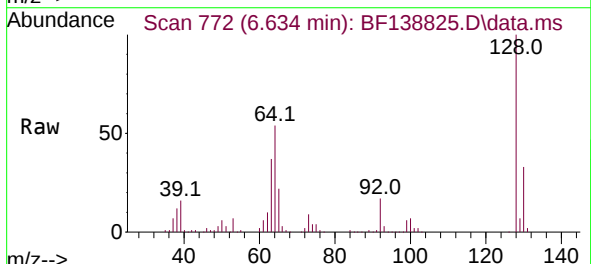
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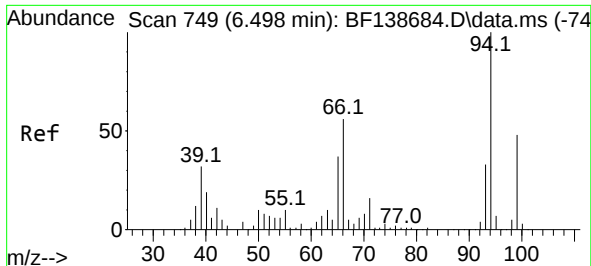
Tgt Ion: 99 Resp: 506929
Ion Ratio Lower Upper
99 100
42 22.8 17.4 26.0
71 38.1 28.1 42.1



#8
2-Chlorophenol
Concen: 53.366 ng
RT: 6.634 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

Tgt Ion:128 Resp: 164333
Ion Ratio Lower Upper
128 100
130 33.1 12.0 52.0
64 53.6 36.3 76.3

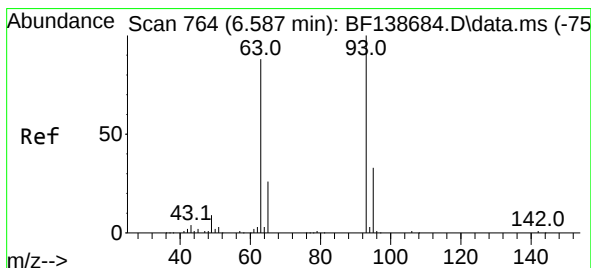
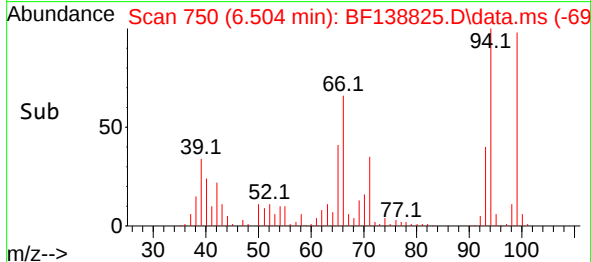
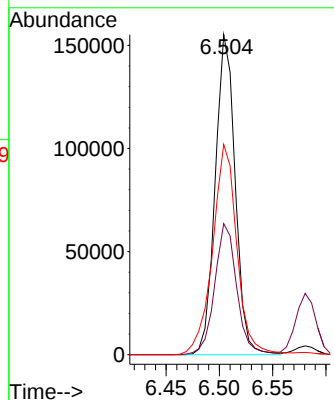
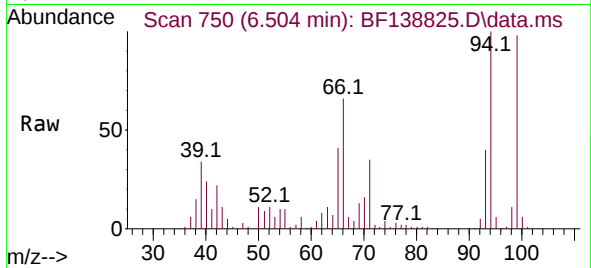




#10
Phenol
Concen: 48.810 ng
RT: 6.504 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

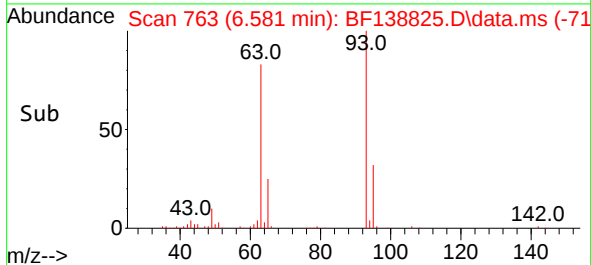
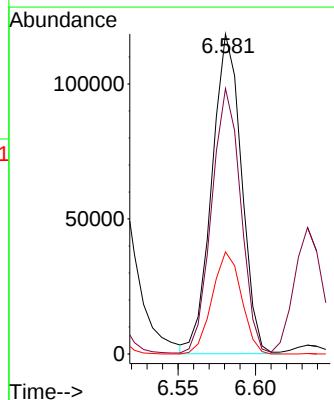
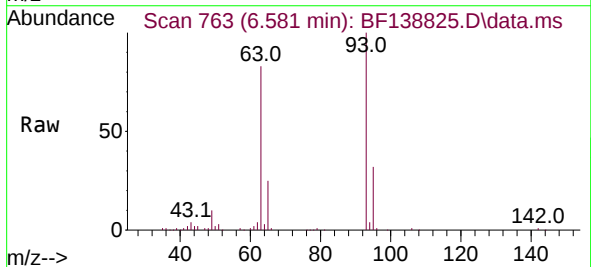
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMSD

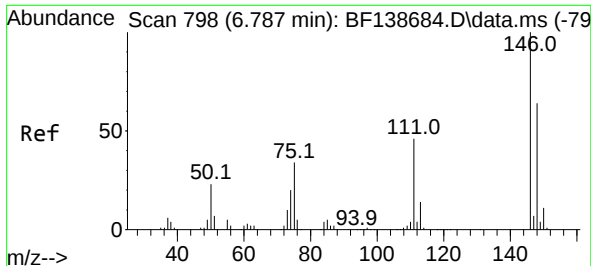
Tgt Ion: 94 Resp: 201946
Ion Ratio Lower Upper
94 100
65 40.9 16.9 56.9
66 65.7 36.5 76.5



#11
bis(2-Chloroethyl)ether
Concen: 49.517 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

Tgt Ion: 93 Resp: 157655
Ion Ratio Lower Upper
93 100
63 82.9 65.3 105.3
95 31.9 12.4 52.4





#12

1,3-Dichlorobenzene

Concen: 49.233 ng

RT: 6.781 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF138825.D

Acq: 07 Aug 2024 01:02

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMSD

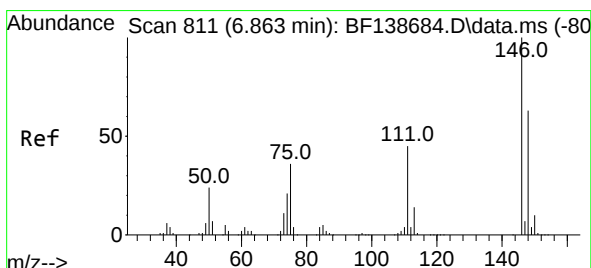
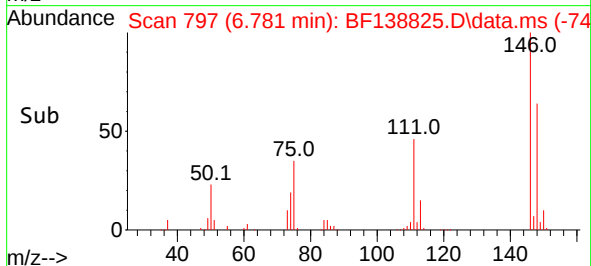
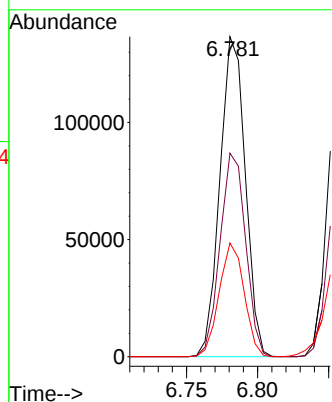
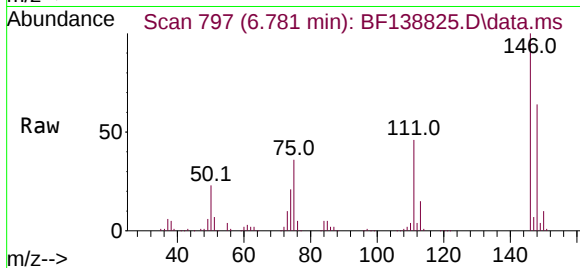
Tgt Ion:146 Resp: 169705

Ion Ratio Lower Upper

146 100

148 63.6 51.2 76.8

75 35.5 27.4 41.2



#13

1,4-Dichlorobenzene

Concen: 49.472 ng

RT: 6.857 min Scan# 810

Delta R.T. -0.006 min

Lab File: BF138825.D

Acq: 07 Aug 2024 01:02

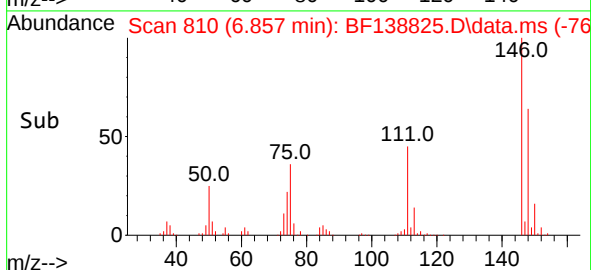
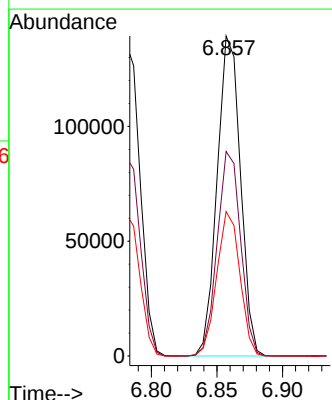
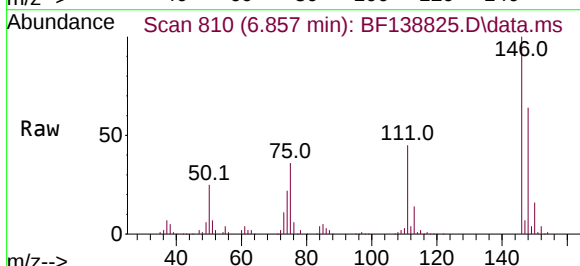
Tgt Ion:146 Resp: 172093

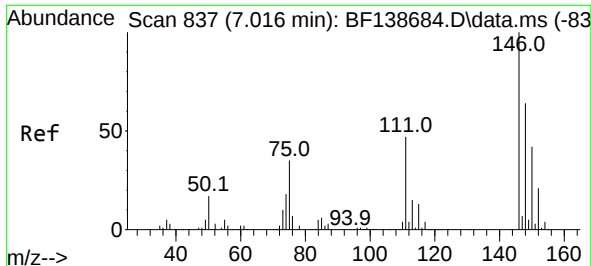
Ion Ratio Lower Upper

146 100

148 63.9 50.2 75.2

111 45.1 35.9 53.9

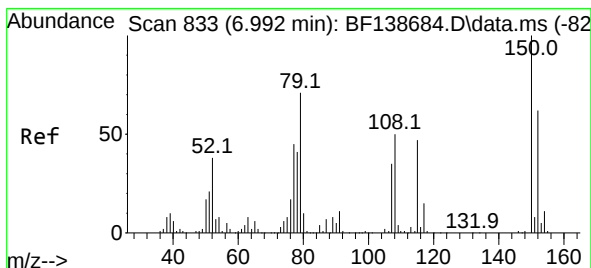
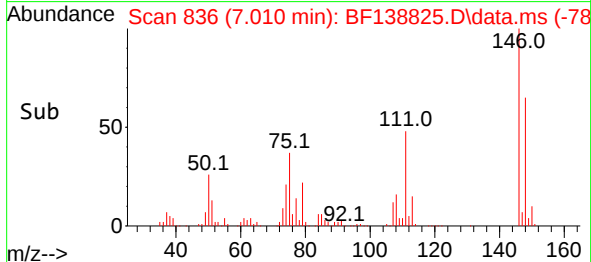
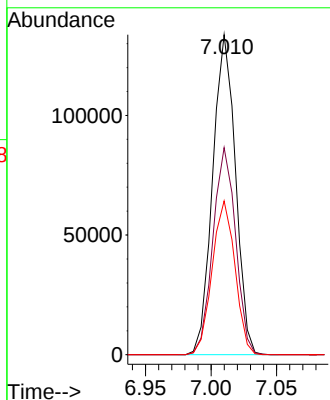
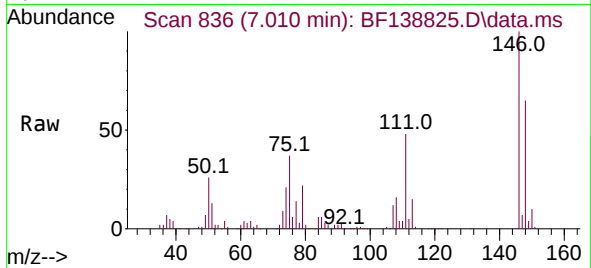




#14
1,2-Dichlorobenzene
Concen: 49.743 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

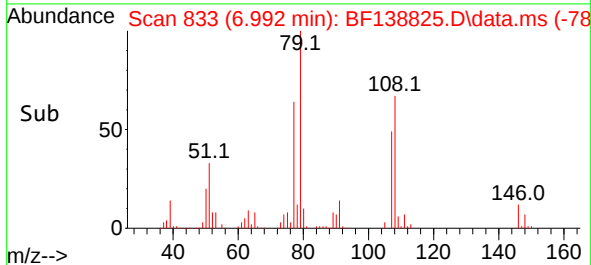
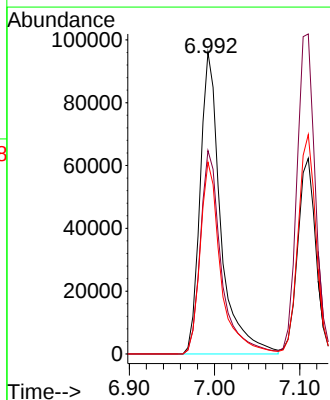
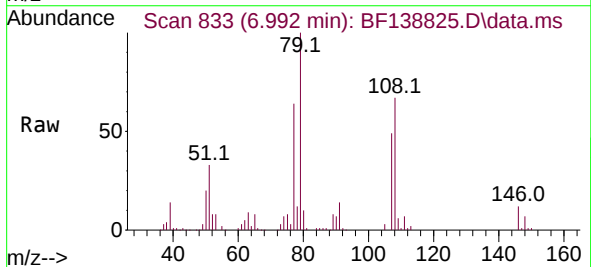
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMSD

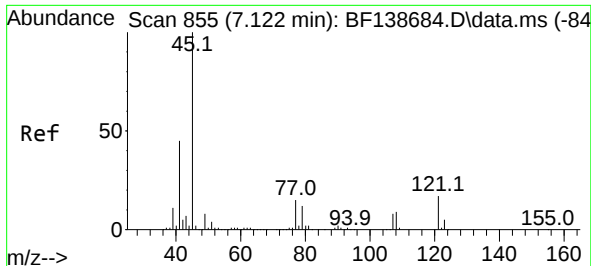
Tgt Ion:146 Resp: 161716
Ion Ratio Lower Upper
146 100
148 64.7 50.8 76.2
111 48.1 37.4 56.2



#15
Benzyl Alcohol
Concen: 57.077 ng
RT: 6.992 min Scan# 833
Delta R.T. -0.000 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

Tgt Ion: 79 Resp: 161655
Ion Ratio Lower Upper
79 100
108 67.4 56.6 85.0
77 63.6 50.3 75.5

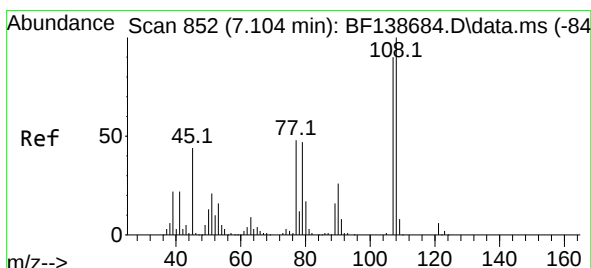
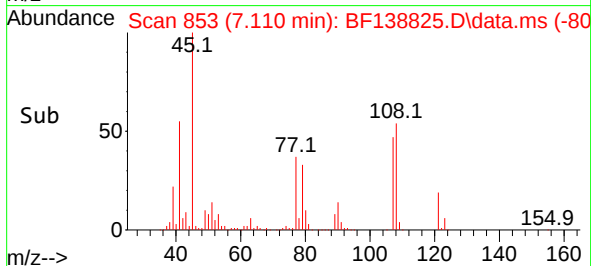
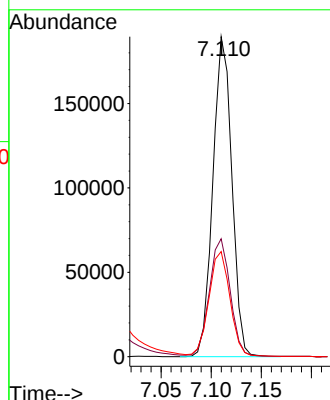
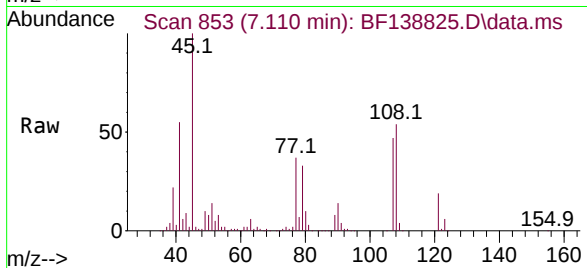




#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.526 ng
RT: 7.110 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

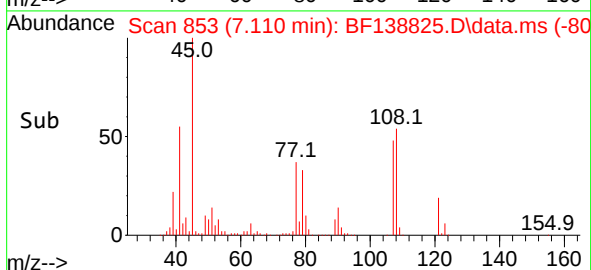
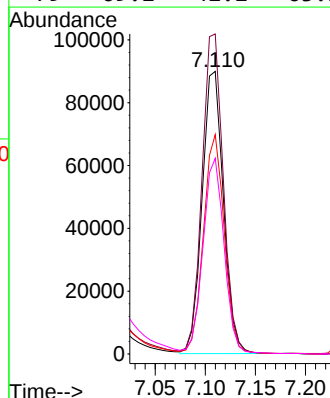
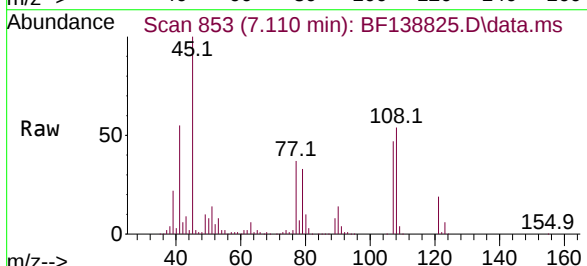
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMSD

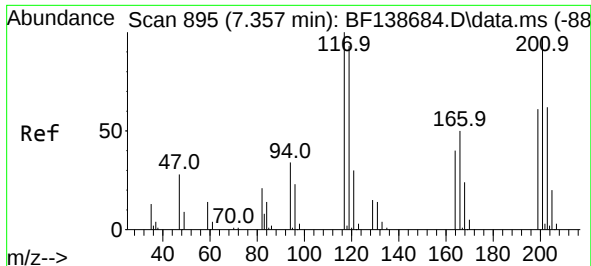
Tgt Ion: 45 Resp: 249450
Ion Ratio Lower Upper
45 100
77 36.9 0.0 34.9#
79 32.9 0.0 32.2#



#17
2-Methylphenol
Concen: 52.317 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

Tgt Ion:107 Resp: 133029
Ion Ratio Lower Upper
107 100
108 113.3 89.2 133.8
77 77.7 43.0 64.4#
79 69.2 42.2 63.2#

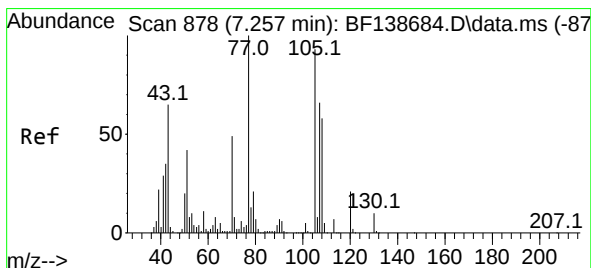
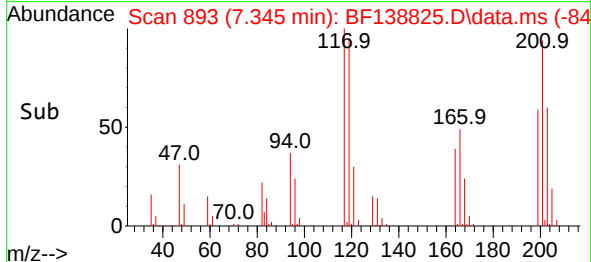
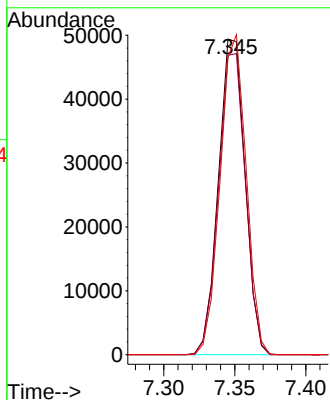
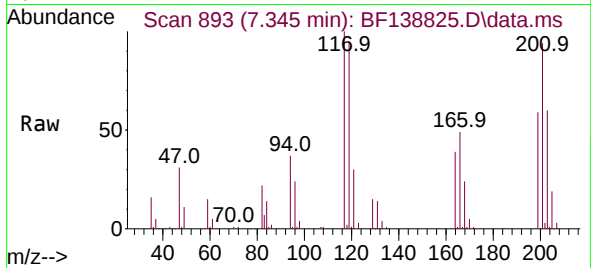




#18
Hexachloroethane
Concen: 49.173 ng
RT: 7.345 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

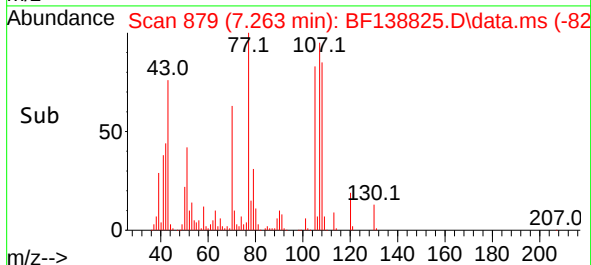
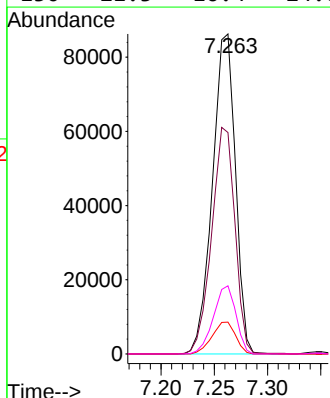
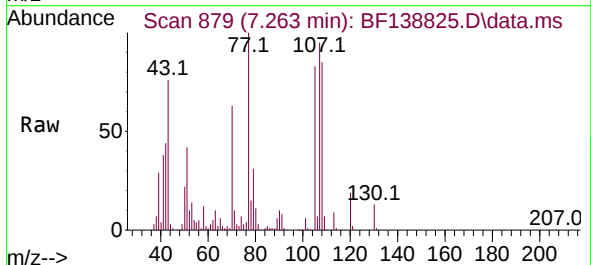
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMSD

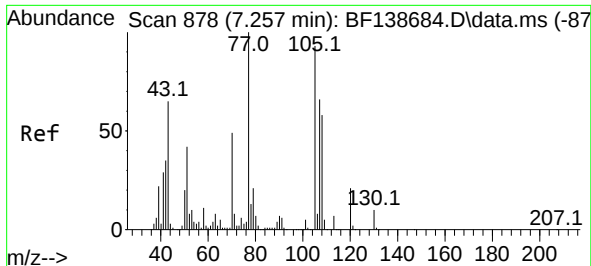
Tgt Ion:117 Resp: 64389
Ion Ratio Lower Upper
117 100
119 94.9 74.6 111.8
201 94.2 77.2 115.8



#19
n-Nitroso-di-n-propylamine
Concen: 54.471 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

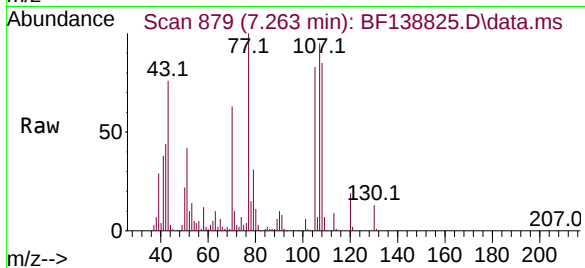
Tgt Ion: 70 Resp: 129280
Ion Ratio Lower Upper
70 100
42 69.2 57.4 86.0
101 9.9 7.5 11.3
130 21.3 16.4 24.6



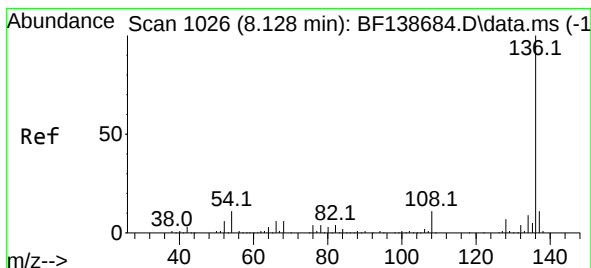
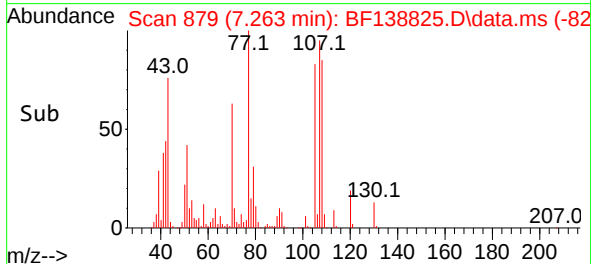
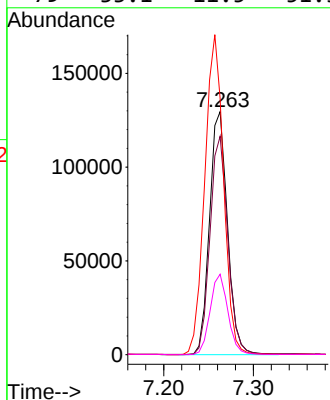


#20
3+4-Methylphenols
Concen: 55.350 ng
RT: 7.263 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMSD

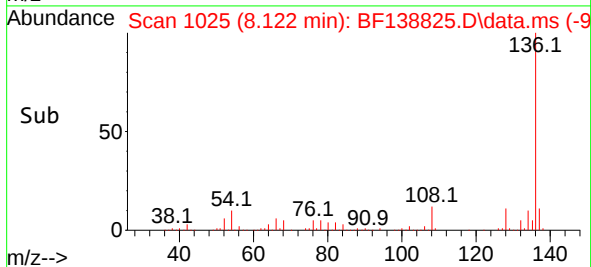
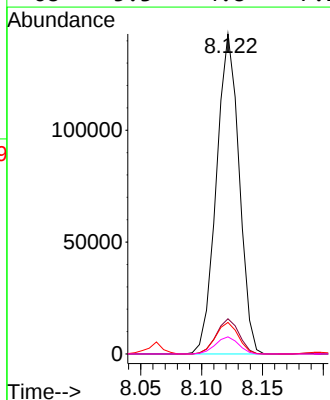
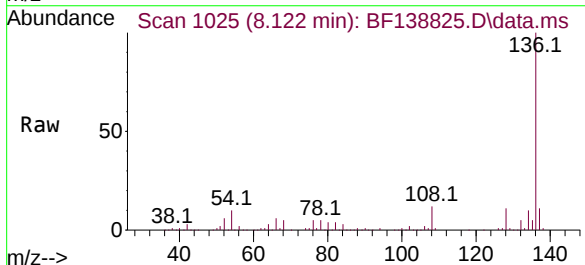


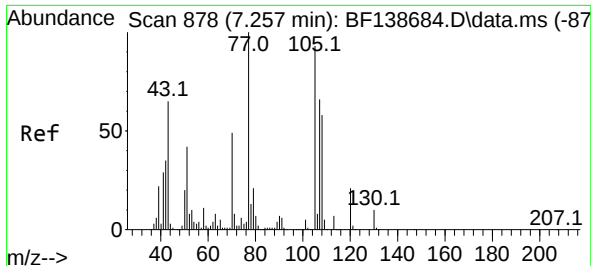
Tgt Ion:107 Resp: 180577
Ion Ratio Lower Upper
107 100
108 89.9 68.2 108.2
77 105.4 132.1 172.1#
79 33.1 11.5 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

Tgt Ion:136 Resp: 186018
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.9 8.6 12.8
68 5.3 4.8 7.2

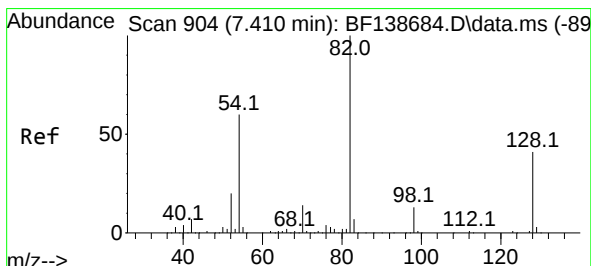
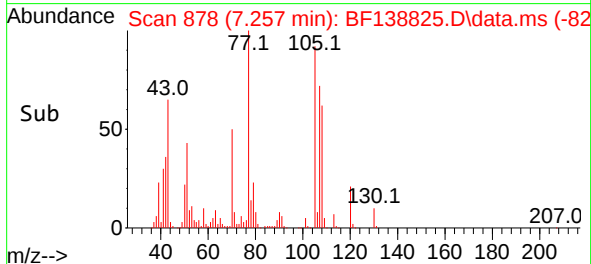
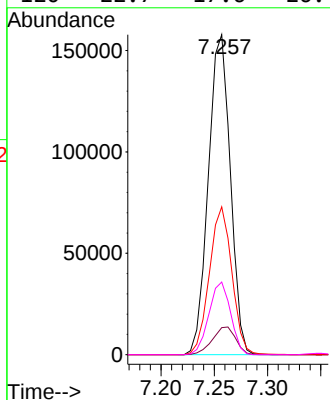
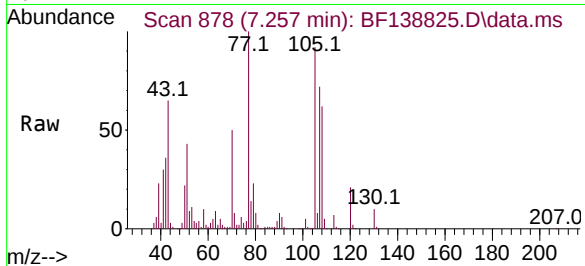




#22
Acetophenone
Concen: 49.840 ng
RT: 7.257 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

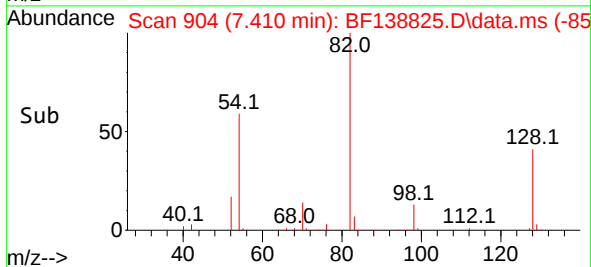
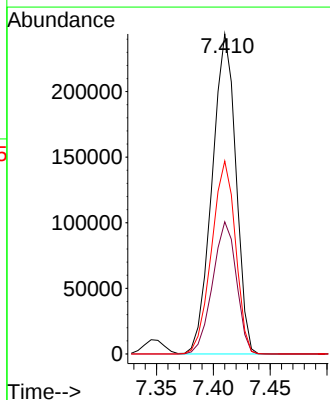
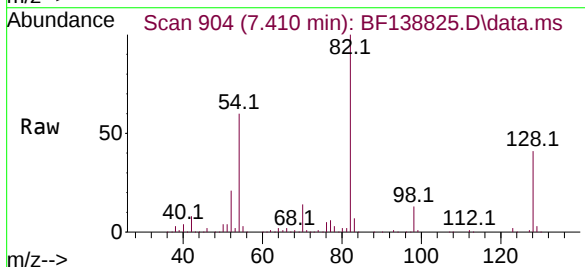
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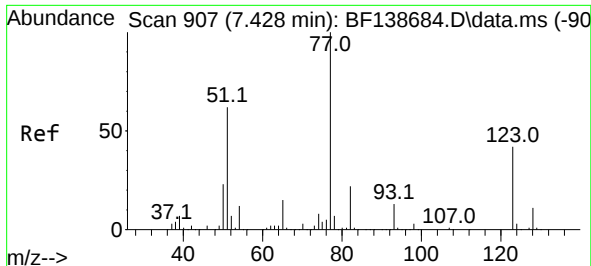
Tgt Ion:105 Resp: 227005
Ion Ratio Lower Upper
105 100
71 8.5 7.2 10.8
51 46.2 35.9 53.9
120 22.7 17.6 26.4



#23
Nitrobenzene-d5
Concen: 93.530 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

Tgt Ion: 82 Resp: 355855
Ion Ratio Lower Upper
82 100
128 41.3 32.8 49.2
54 60.3 48.3 72.5

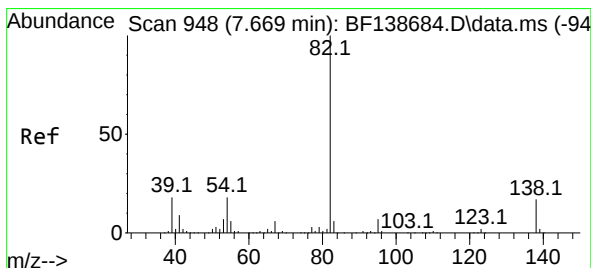
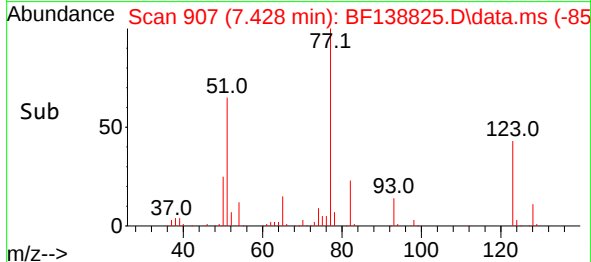
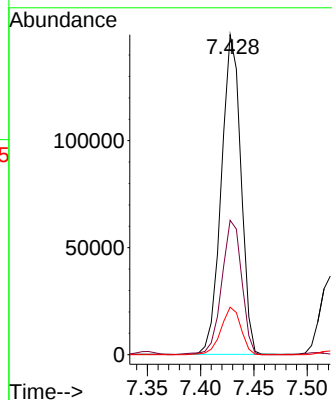
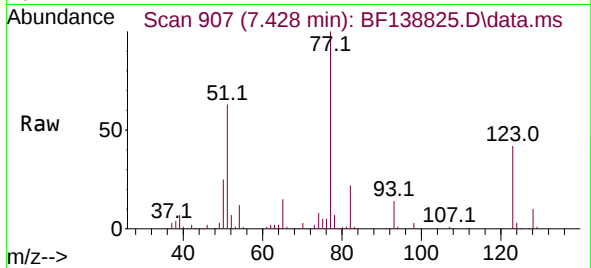




#24
Nitrobenzene
Concen: 49.282 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.000 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

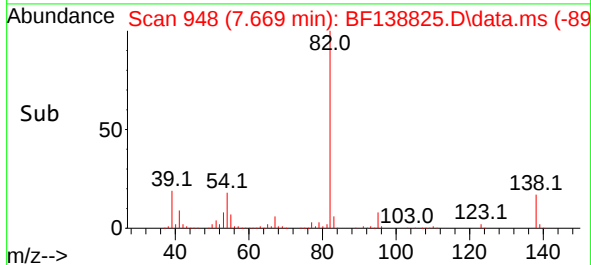
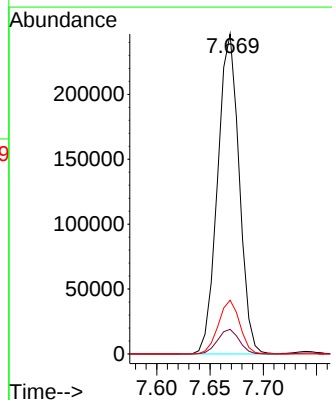
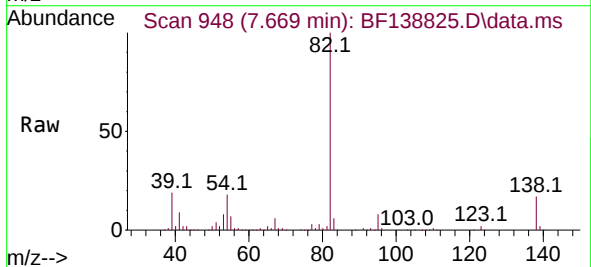
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SOIL-COMPMSD

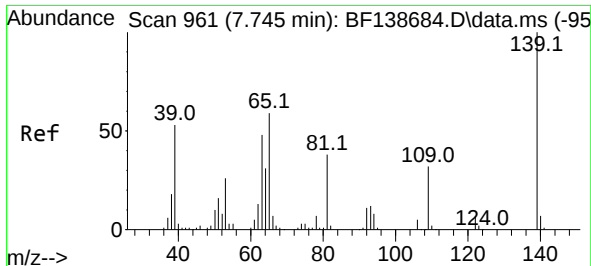
Tgt Ion: 77 Resp: 190801
Ion Ratio Lower Upper
77 100
123 42.0 33.3 49.9
65 14.9 11.9 17.9



#25
Isophorone
Concen: 53.309 ng
RT: 7.669 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

Tgt Ion: 82 Resp: 346336
Ion Ratio Lower Upper
82 100
95 7.7 5.7 8.5
138 16.8 13.7 20.5

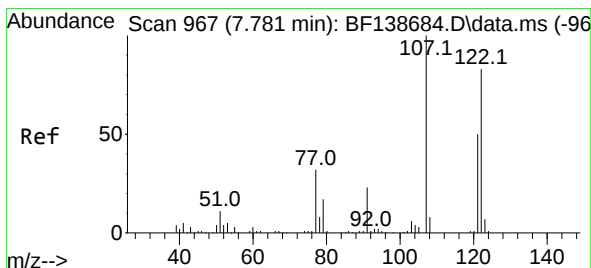
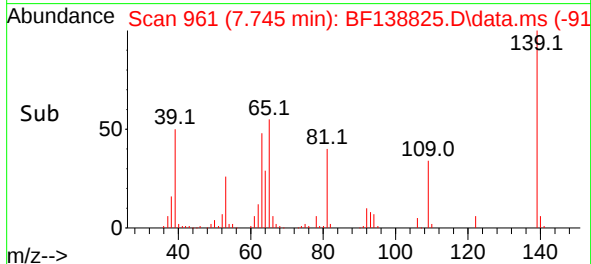
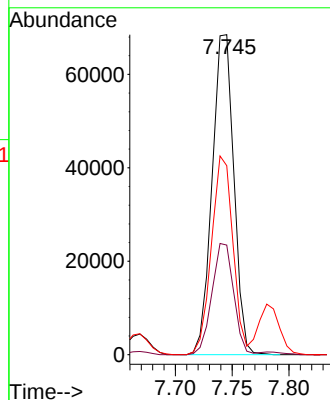
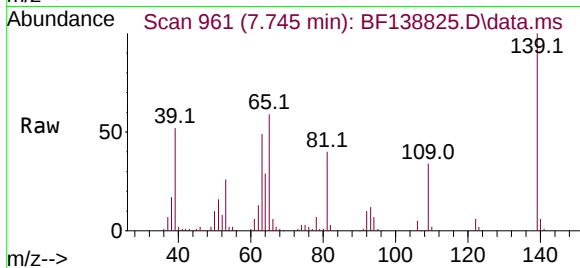




#26
2-Nitrophenol
Concen: 54.737 ng
RT: 7.745 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

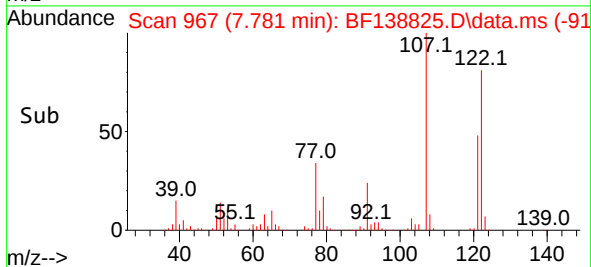
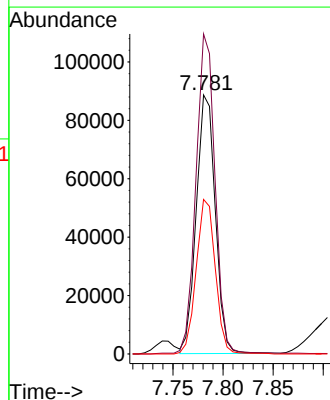
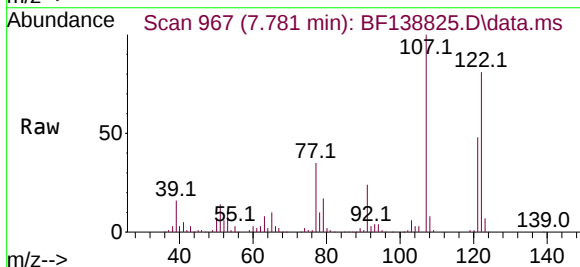
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMSD

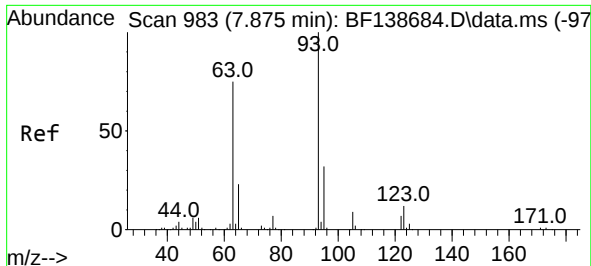
Tgt Ion:139 Resp: 91174
Ion Ratio Lower Upper
139 100
109 34.2 25.9 38.9
65 59.1 47.0 70.6



#27
2,4-Dimethylphenol
Concen: 59.024 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.000 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

Tgt Ion:122 Resp: 117631
Ion Ratio Lower Upper
122 100
107 123.6 95.0 142.6
121 59.7 47.3 70.9

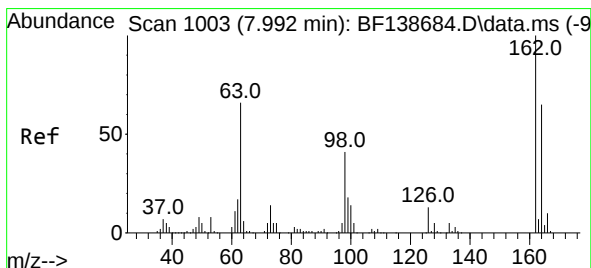
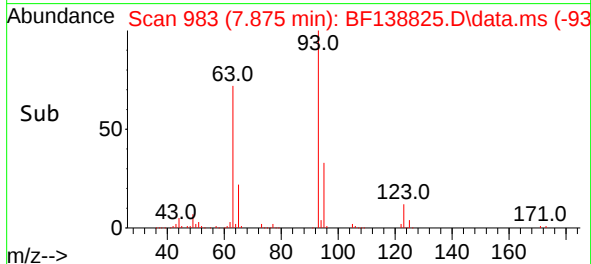
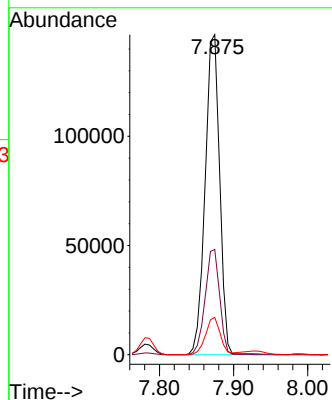
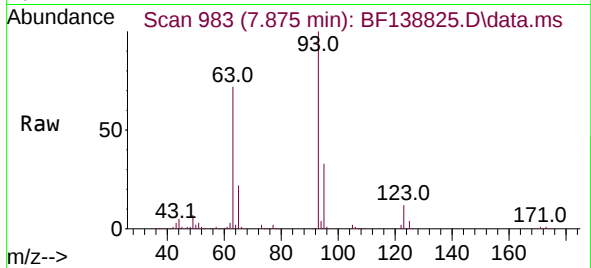




#28
bis(2-Chloroethoxy)methane
Concen: 50.463 ng
RT: 7.875 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

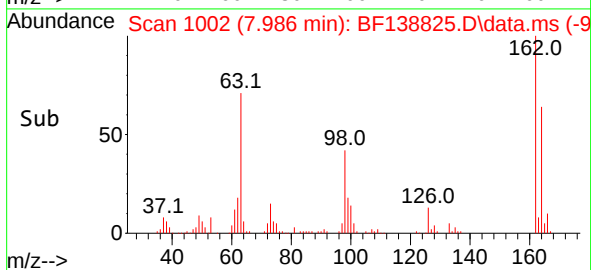
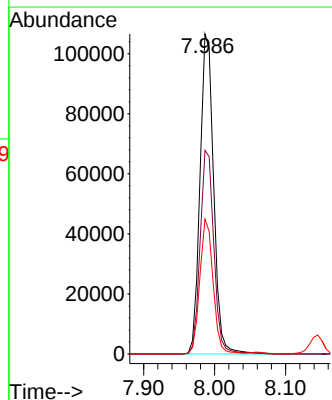
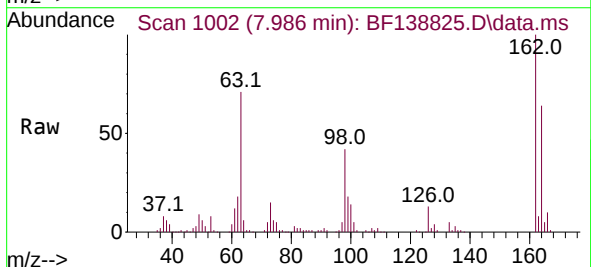
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMSD

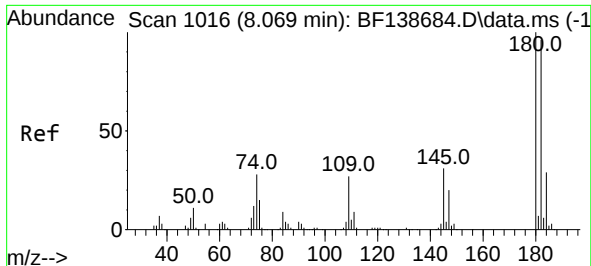
Tgt Ion: 93 Resp: 199649
Ion Ratio Lower Upper
93 100
95 32.9 25.8 38.8
123 11.7 9.4 14.0



#29
2,4-Dichlorophenol
Concen: 55.750 ng
RT: 7.986 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

Tgt Ion: 162 Resp: 142771
Ion Ratio Lower Upper
162 100
164 63.6 44.7 84.7
98 42.1 20.8 60.8





#30

1,2,4-Trichlorobenzene

Concen: 50.815 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF138825.D

Acq: 07 Aug 2024 01:02

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMSD

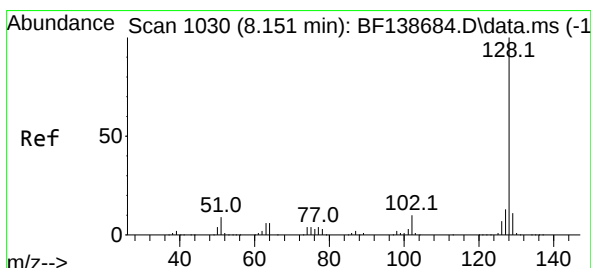
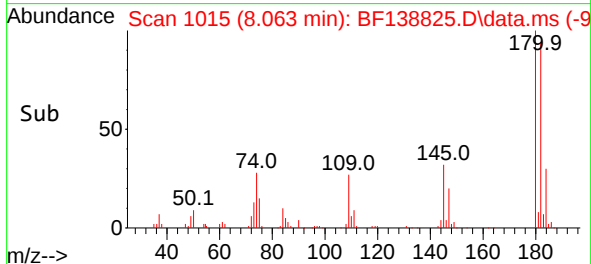
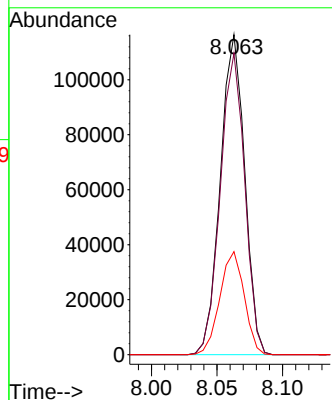
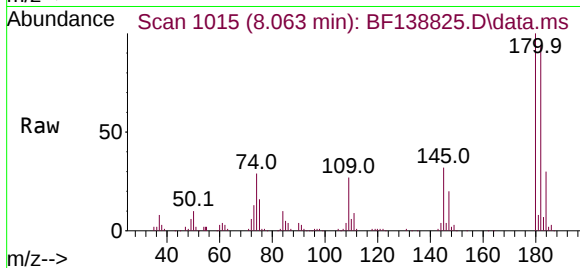
Tgt Ion:180 Resp: 150174

Ion Ratio Lower Upper

180 100

182 94.2 76.9 115.3

145 32.2 25.0 37.4



#31

Naphthalene

Concen: 50.813 ng

RT: 8.145 min Scan# 1029

Delta R.T. -0.006 min

Lab File: BF138825.D

Acq: 07 Aug 2024 01:02

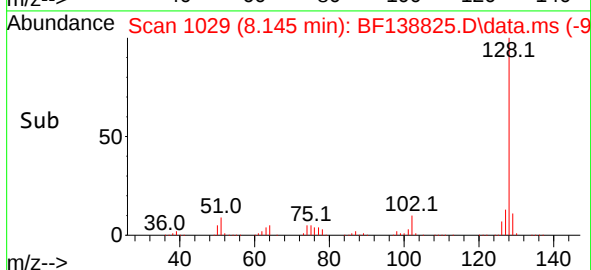
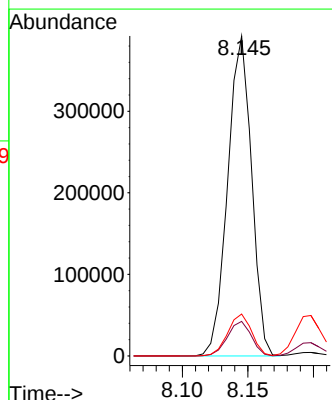
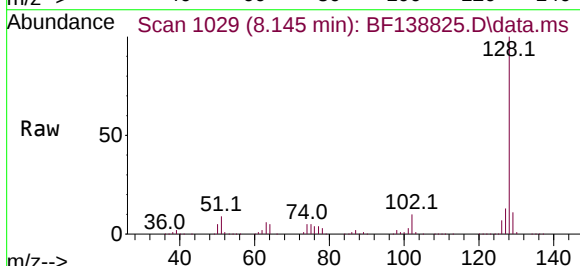
Tgt Ion:128 Resp: 497536

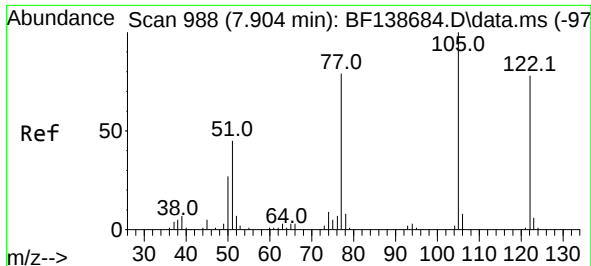
Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

127 13.1 10.6 16.0

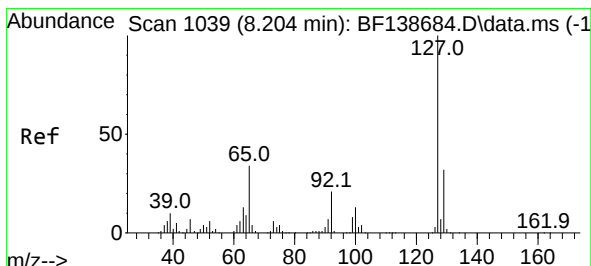
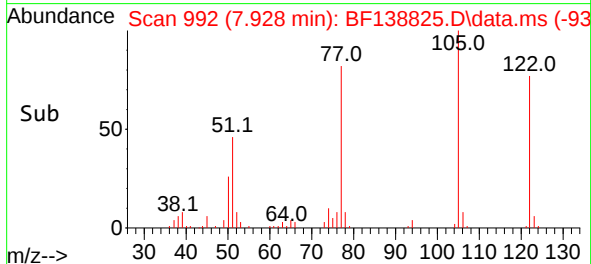
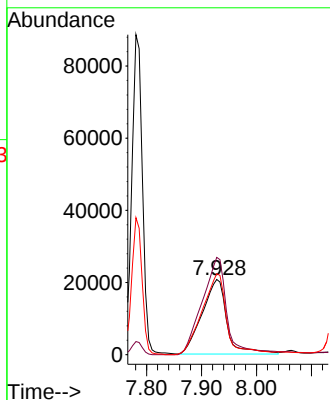
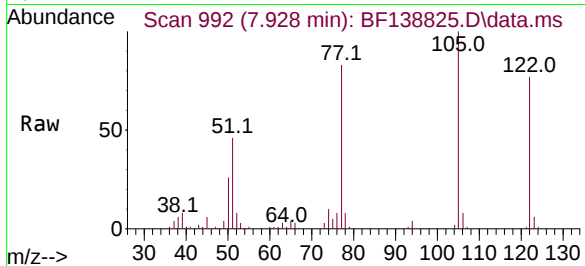




#32
Benzoic acid
Concen: 41.284 ng
RT: 7.928 min Scan# 91
Delta R.T. 0.024 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

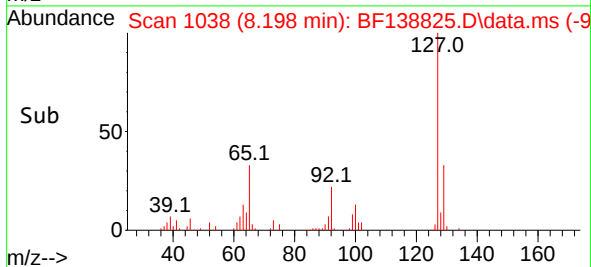
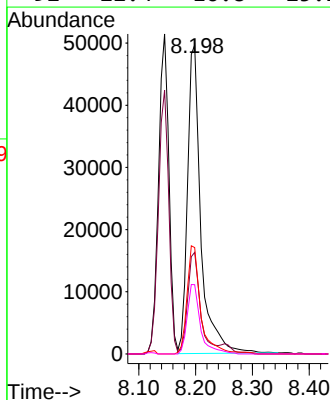
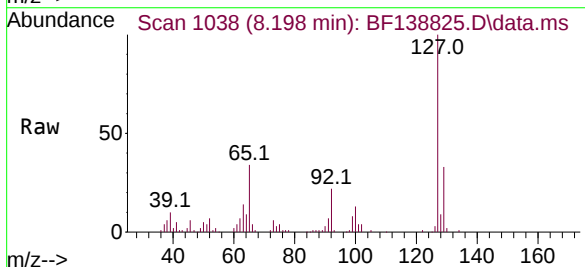
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMSD

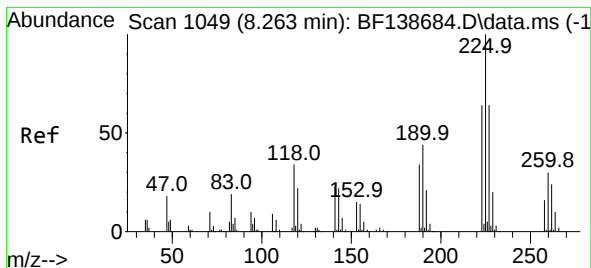
Tgt Ion:122 Resp: 64675
Ion Ratio Lower Upper
122 100
105 129.5 106.7 146.7
77 107.7 81.1 121.1



#33
4-Chloroaniline
Concen: 24.704 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

Tgt Ion:127 Resp: 81195
Ion Ratio Lower Upper
127 100
129 32.9 25.9 38.9
65 34.4 27.6 41.4
92 22.4 16.8 25.2





#34

Hexachlorobutadiene

Concen: 49.925 ng

RT: 8.251 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138825.D

Acq: 07 Aug 2024 01:02

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMSD

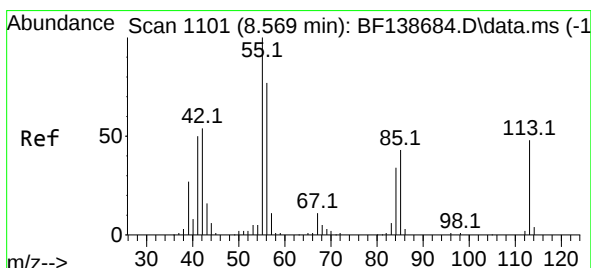
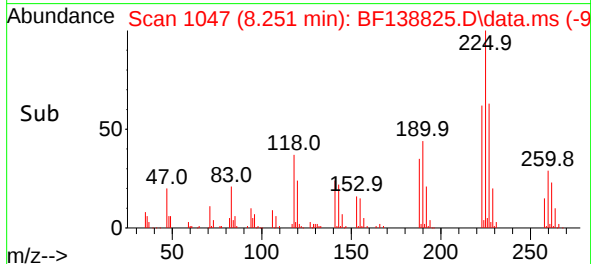
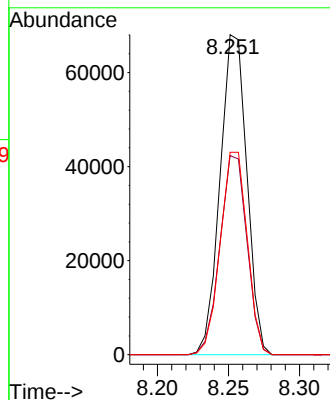
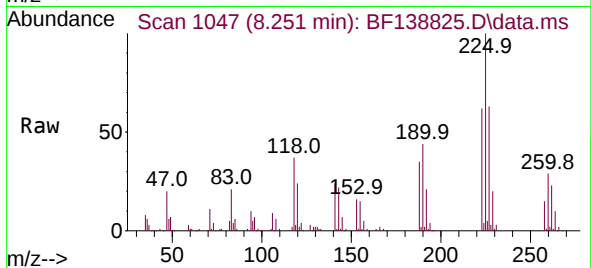
Tgt Ion:225 Resp: 89368

Ion Ratio Lower Upper

225 100

223 62.2 51.2 76.8

227 63.3 51.1 76.7



#35

Caprolactam

Concen: 25.379 ng

RT: 8.586 min Scan# 1104

Delta R.T. 0.018 min

Lab File: BF138825.D

Acq: 07 Aug 2024 01:02

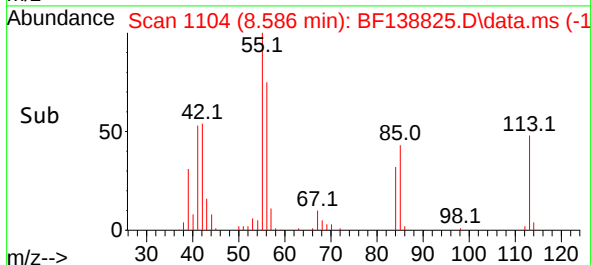
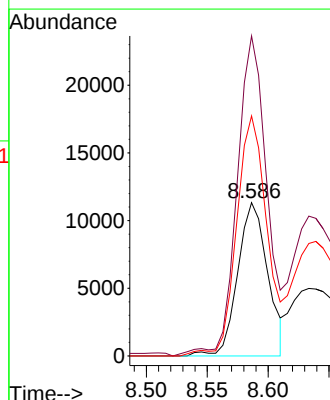
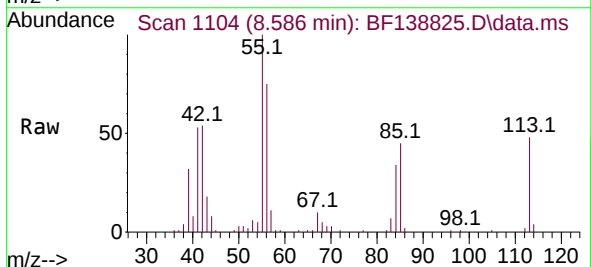
Tgt Ion:113 Resp: 19393

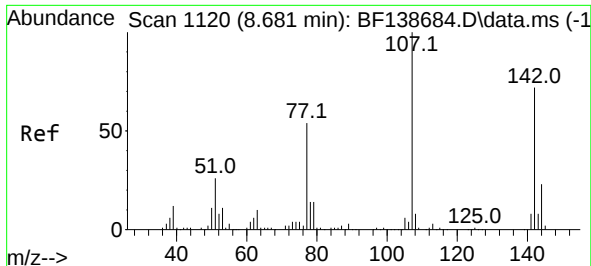
Ion Ratio Lower Upper

113 100

55 208.7 186.7 226.7

56 156.6 138.9 178.9

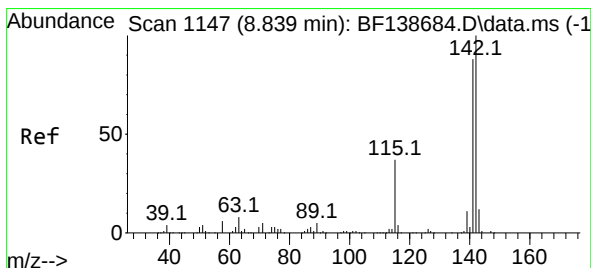
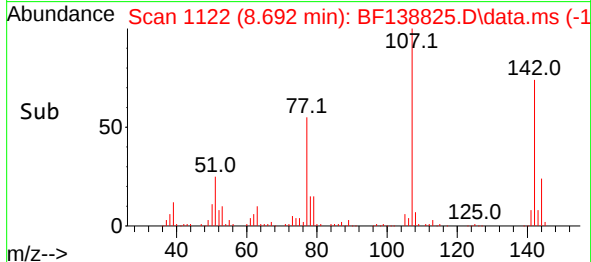
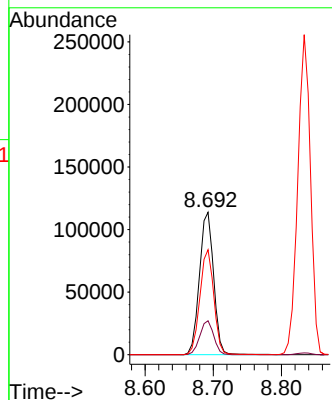
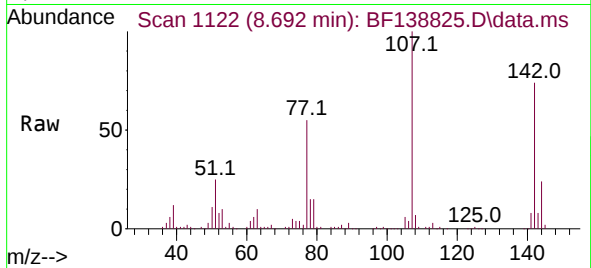




#36
4-Chloro-3-methylphenol
Concen: 56.175 ng
RT: 8.692 min Scan# 1120
Delta R.T. 0.012 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

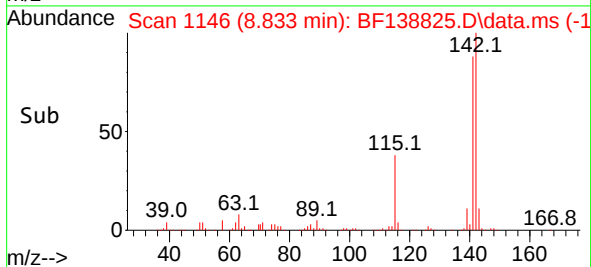
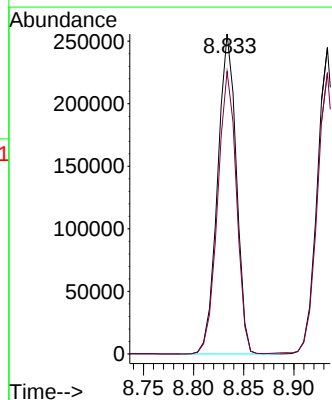
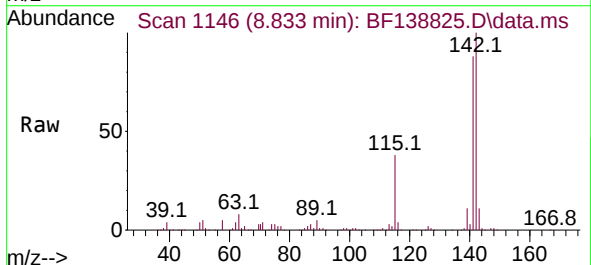
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMSD

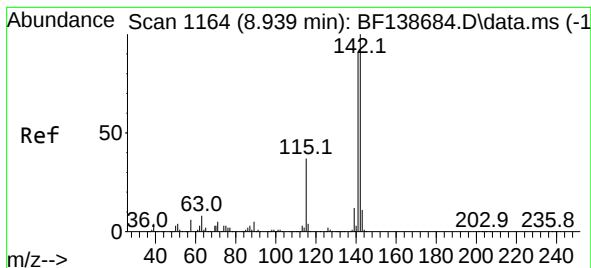
Tgt Ion:107 Resp: 164407
Ion Ratio Lower Upper
107 100
144 23.8 18.2 27.2
142 73.8 57.4 86.2



#37
2-Methylnaphthalene
Concen: 53.684 ng
RT: 8.833 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

Tgt Ion:142 Resp: 331969
Ion Ratio Lower Upper
142 100
141 88.3 70.8 106.2





#38

1-Methylnaphthalene

Concen: 51.258 ng

RT: 8.933 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF138825.D

Acq: 07 Aug 2024 01:02

Instrument :

BNA_F

ClientSampleId :

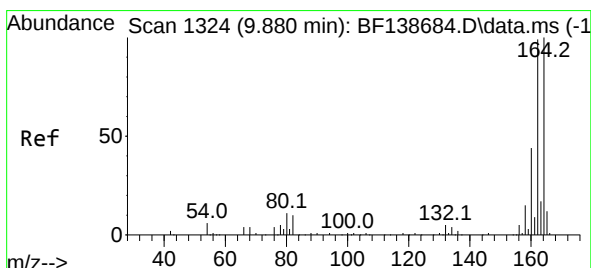
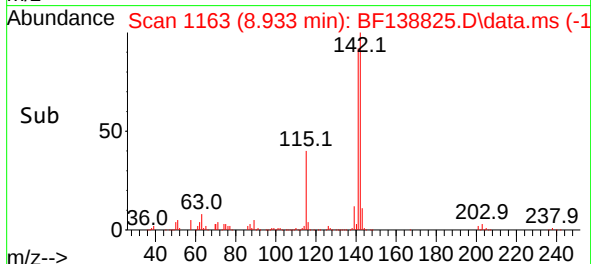
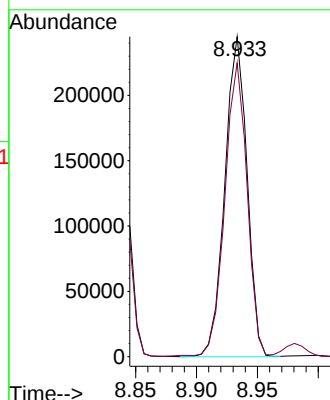
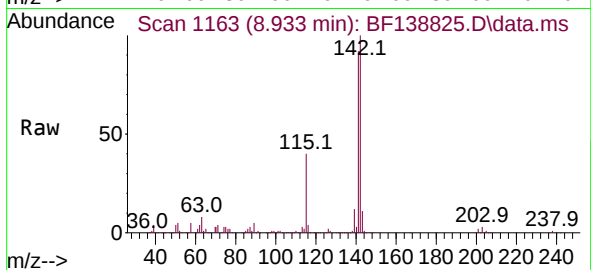
SOIL-COMPMSD

Tgt Ion:142 Resp: 310599

Ion Ratio Lower Upper

142 100

141 91.8 73.1 109.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.874 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF138825.D

Acq: 07 Aug 2024 01:02

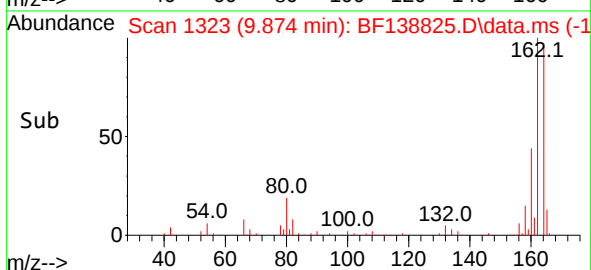
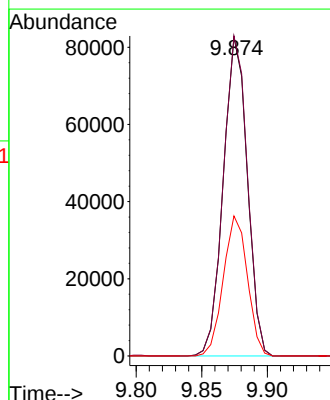
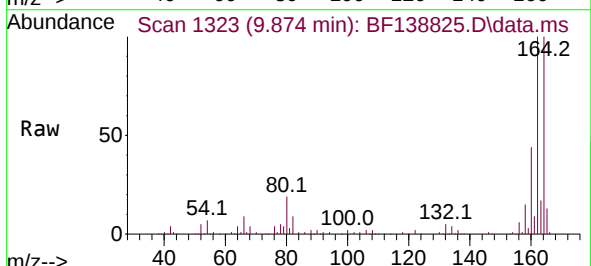
Tgt Ion:164 Resp: 105064

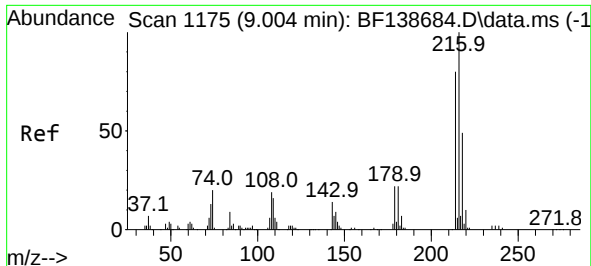
Ion Ratio Lower Upper

164 100

162 100.4 79.4 119.0

160 44.0 35.1 52.7

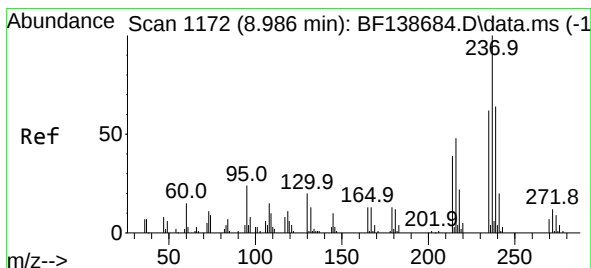
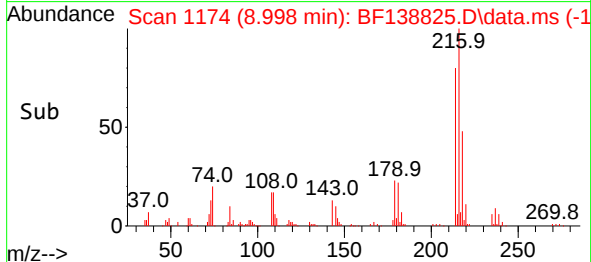
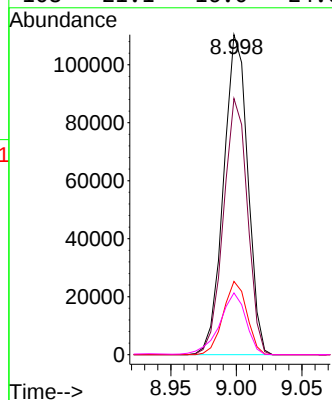
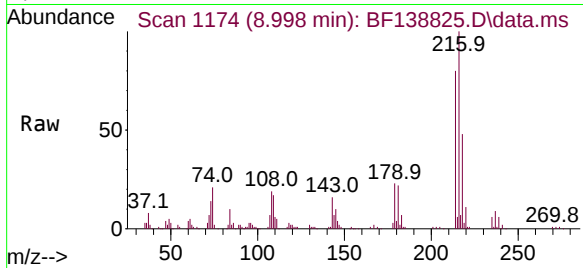




#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.437 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

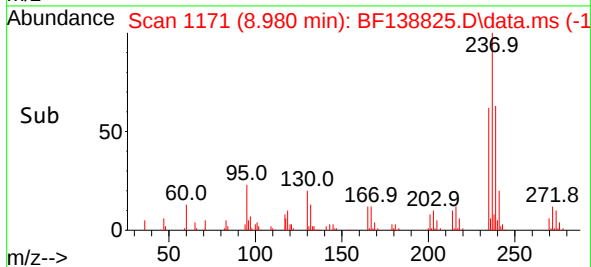
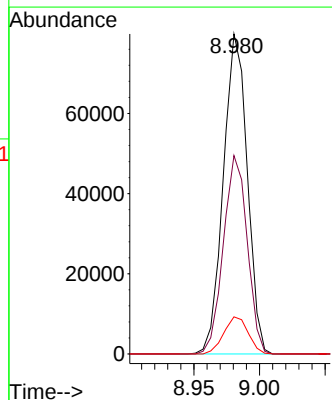
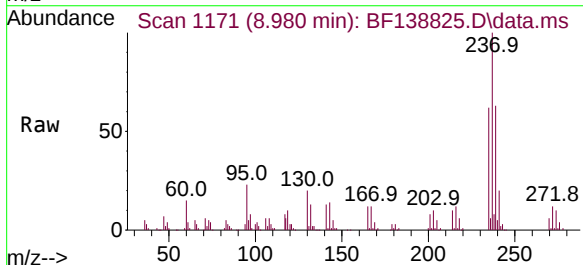
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMSD

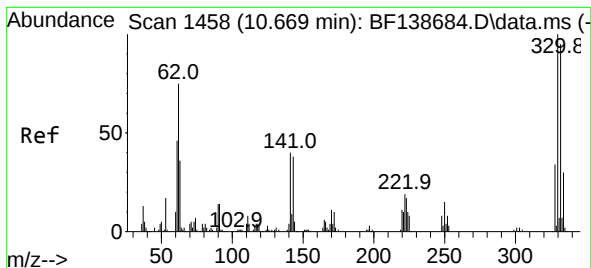
Tgt Ion:	216	Resp:	141365
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.9	95.9
179	22.4	17.8	26.6
108	21.1	16.0	24.0



#41
Hexachlorocyclopentadiene
Concen: 126.654 ng
RT: 8.980 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

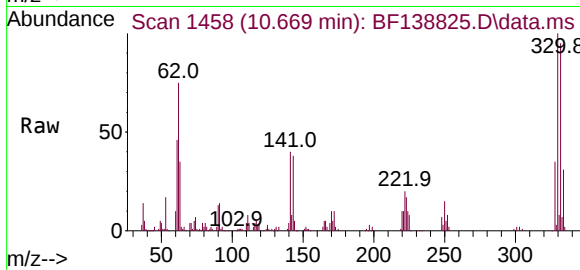
Tgt Ion:	237	Resp:	101277
Ion Ratio	Lower	Upper	
237	100		
235	62.0	41.8	81.8
272	11.6	0.0	32.2



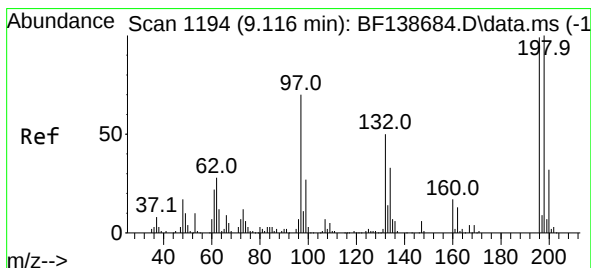
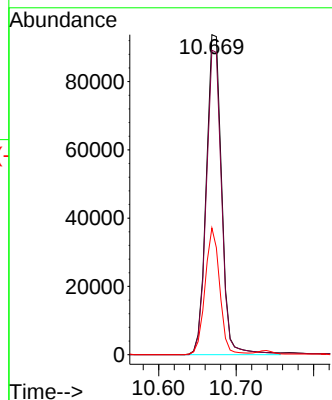
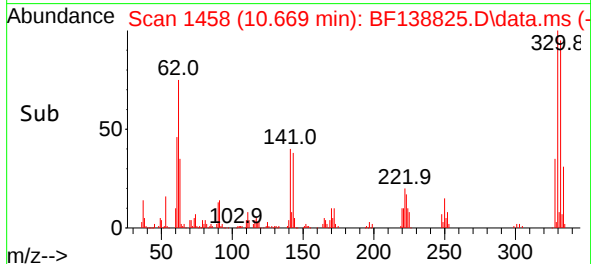


#42
2,4,6-Tribromophenol
Concen: 150.315 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

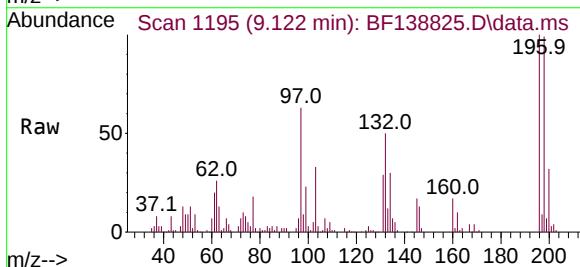
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMSD



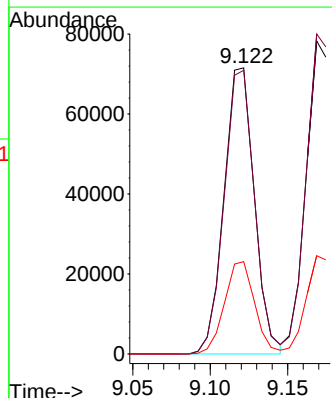
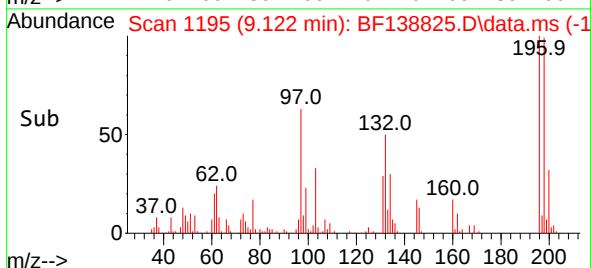
Tgt Ion:330 Resp: 129363
Ion Ratio Lower Upper
330 100
332 95.7 76.4 114.6
141 37.7 31.1 46.7

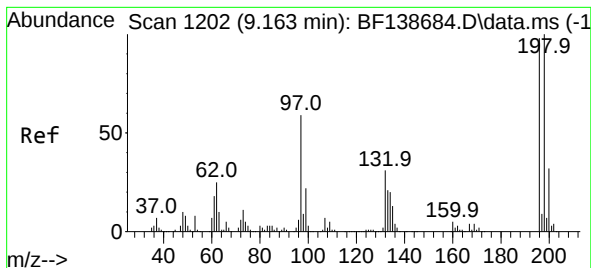


#43
2,4,6-Trichlorophenol
Concen: 54.862 ng
RT: 9.122 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02



Tgt Ion:196 Resp: 97625
Ion Ratio Lower Upper
196 100
198 99.2 80.5 120.7
200 32.3 25.9 38.9

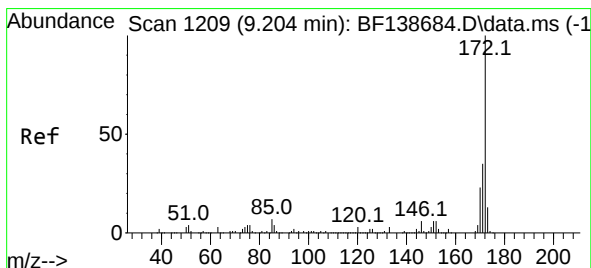
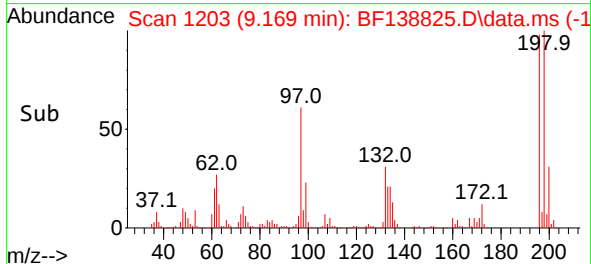
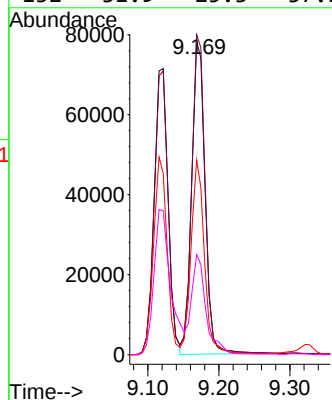
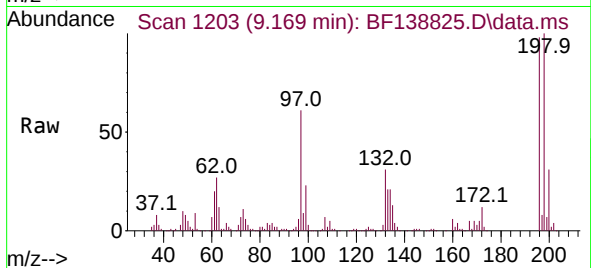




#44
2,4,5-Trichlorophenol
Concen: 52.831 ng
RT: 9.169 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

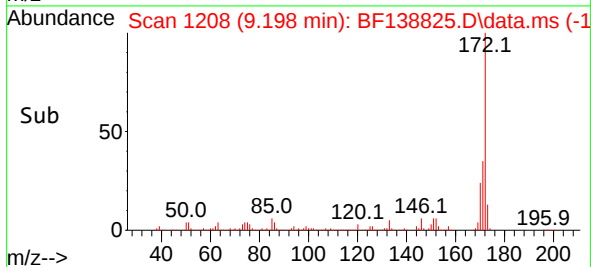
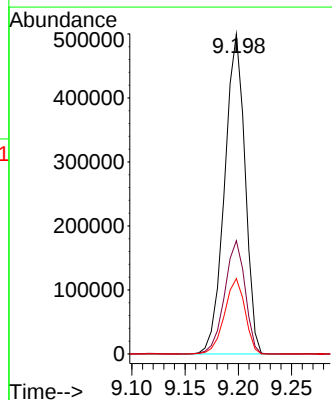
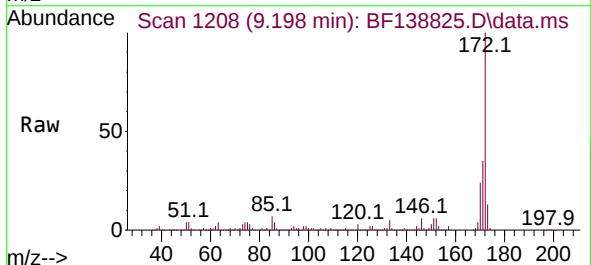
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMSD

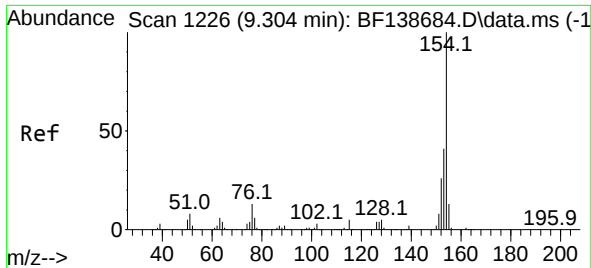
Tgt Ion:196 Resp: 102774
Ion Ratio Lower Upper
196 100
198 102.2 81.2 121.8
97 62.2 47.8 71.6
132 31.9 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 95.281 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

Tgt Ion:172 Resp: 666261
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.5 18.8 28.2

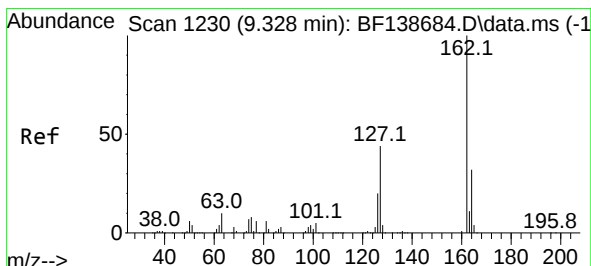
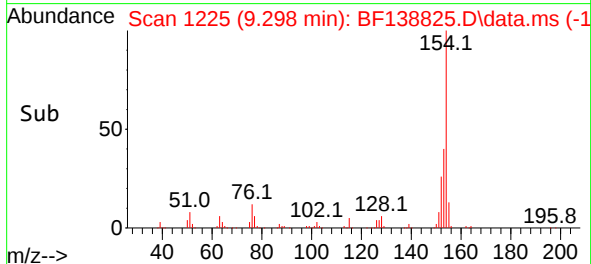
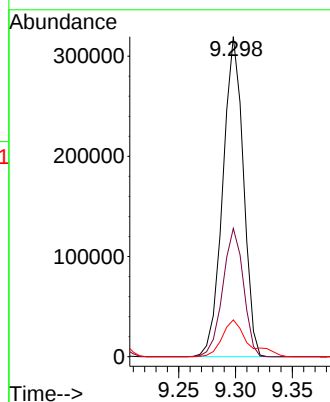
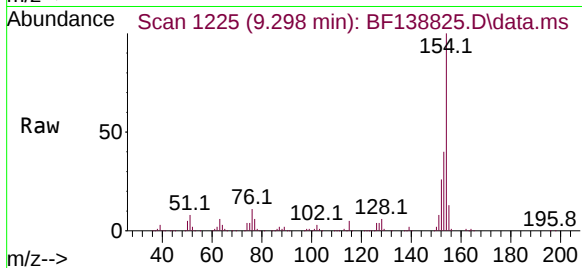




#46
1,1'-Biphenyl
Concen: 48.838 ng
RT: 9.298 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

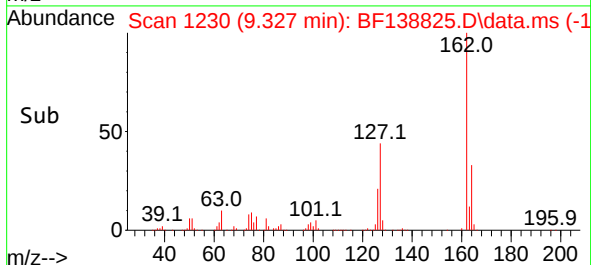
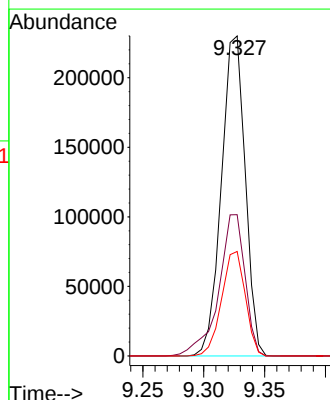
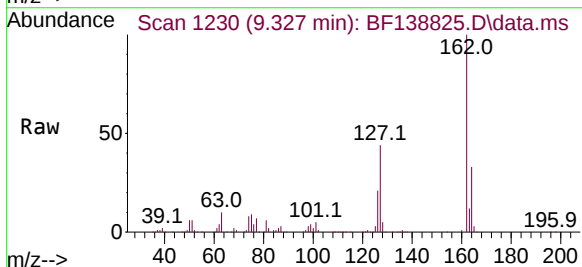
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMSD

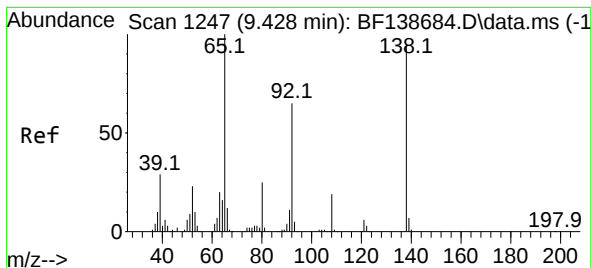
Tgt Ion:154 Resp: 401864
Ion Ratio Lower Upper
154 100
153 40.1 20.8 60.8
76 11.5 0.0 32.8



#47
2-Chloronaphthalene
Concen: 51.305 ng
RT: 9.327 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

Tgt Ion:162 Resp: 313977
Ion Ratio Lower Upper
162 100
127 44.1 35.4 53.2
164 32.6 25.6 38.4





#48

2-Nitroaniline

Concen: 54.119 ng

RT: 9.427 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138825.D

Acq: 07 Aug 2024 01:02

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMSD

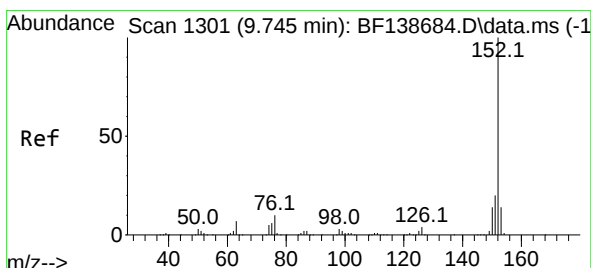
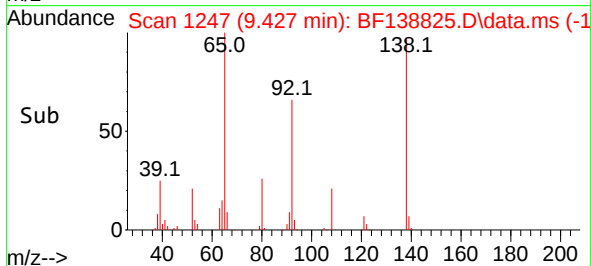
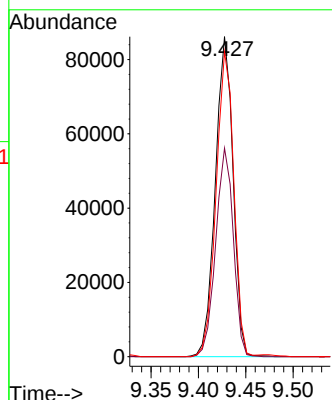
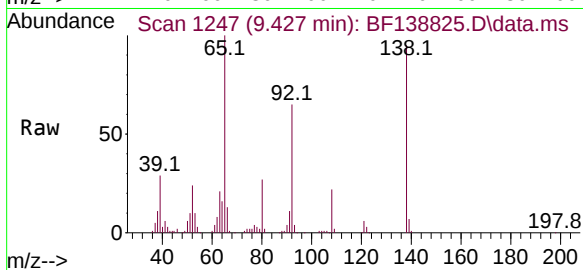
Tgt Ion: 65 Resp: 112279

Ion Ratio Lower Upper

65 100

92 65.1 52.0 78.0

138 95.3 76.2 114.4



#49

Acenaphthylene

Concen: 56.593 ng

RT: 9.739 min Scan# 1300

Delta R.T. -0.006 min

Lab File: BF138825.D

Acq: 07 Aug 2024 01:02

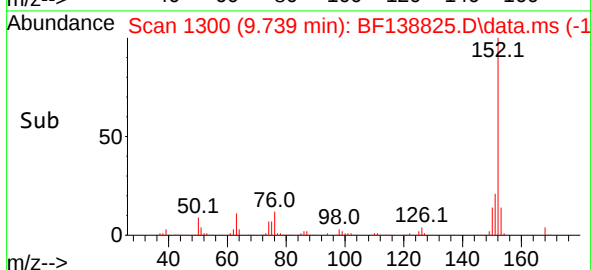
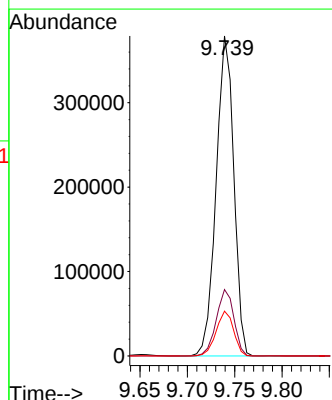
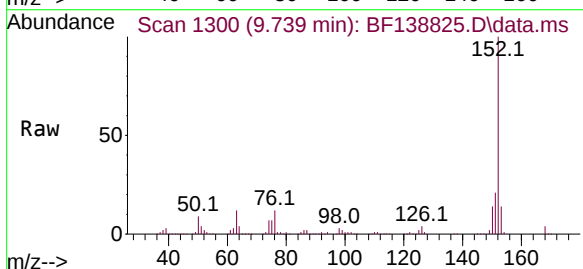
Tgt Ion: 152 Resp: 491204

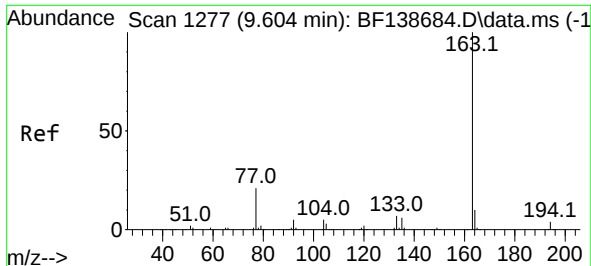
Ion Ratio Lower Upper

152 100

151 20.8 16.0 24.0

153 14.0 11.0 16.4

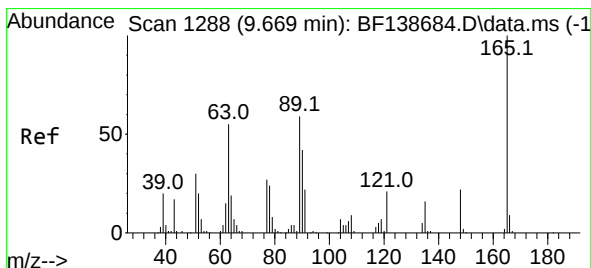
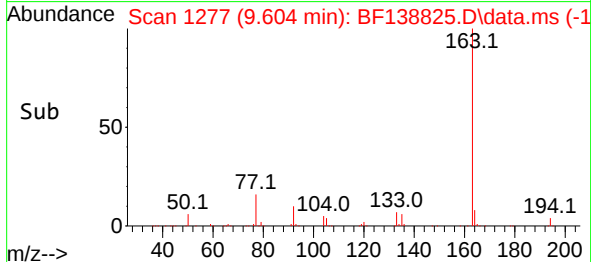
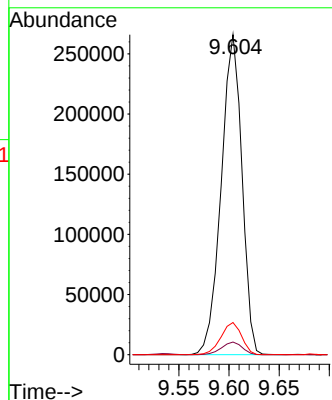
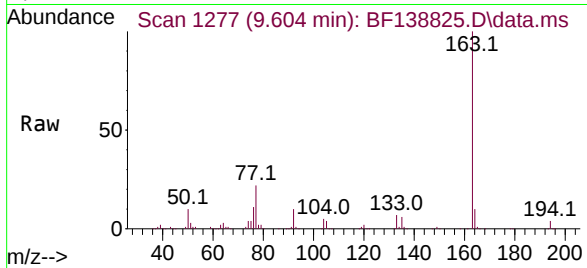




#50
Dimethylphthalate
Concen: 56.804 ng
RT: 9.604 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

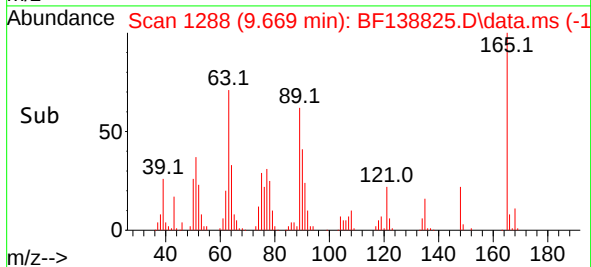
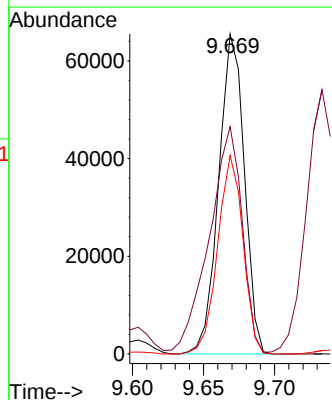
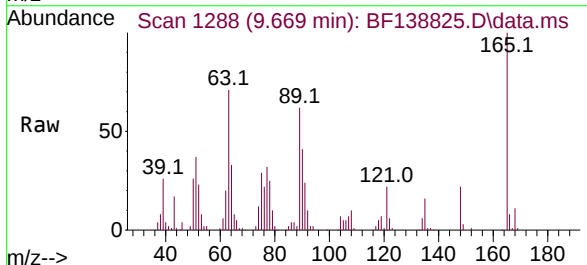
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMSD

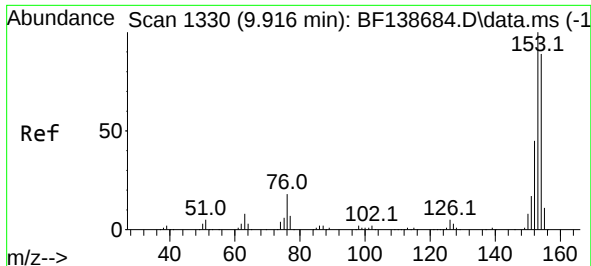
Tgt Ion:163 Resp: 381606
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.0 7.8 11.8



#51
2,6-Dinitrotoluene
Concen: 54.265 ng
RT: 9.669 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

Tgt Ion:165 Resp: 82272
Ion Ratio Lower Upper
165 100
63 71.0 52.0 78.0
89 62.0 47.0 70.6

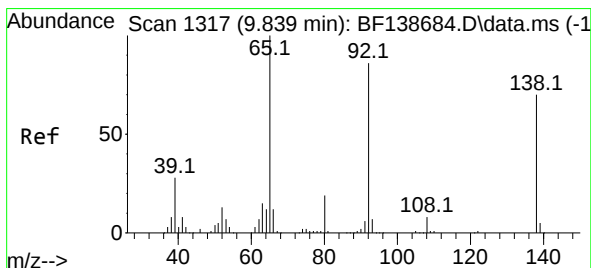
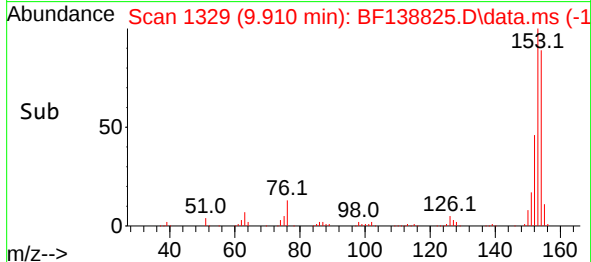
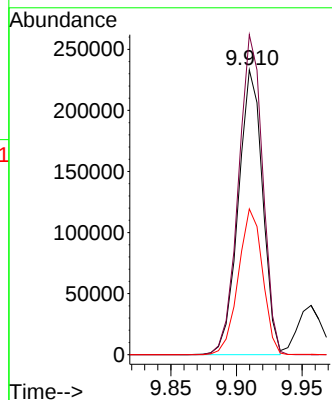
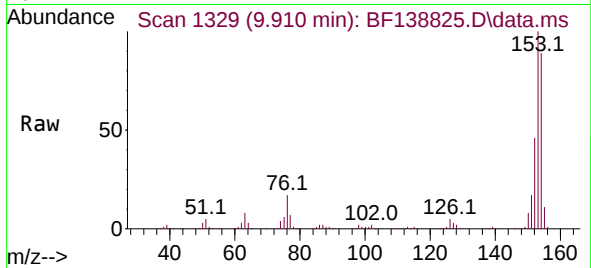




#52
Acenaphthene
Concen: 51.638 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

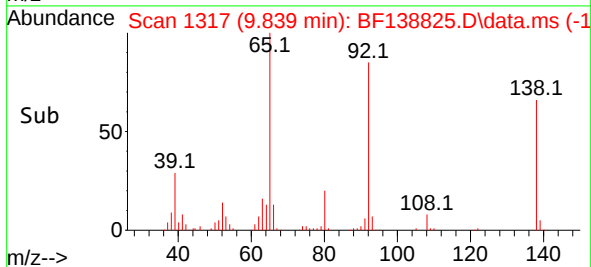
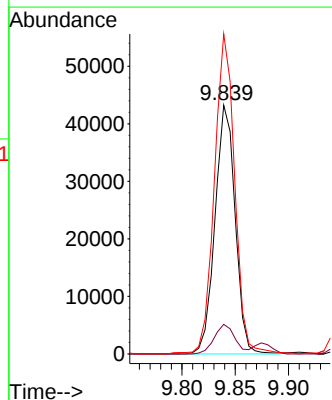
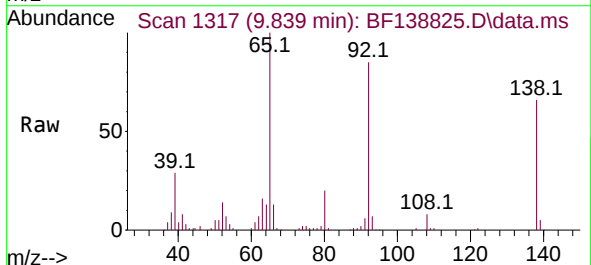
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMSD

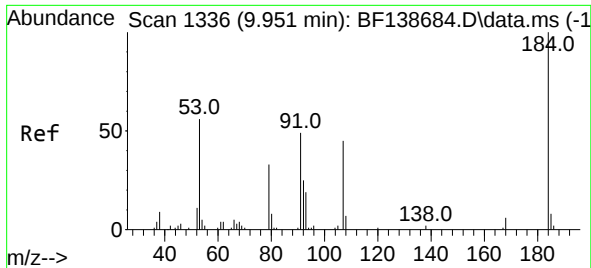
Tgt Ion:154 Resp: 301285
Ion Ratio Lower Upper
154 100
153 112.4 89.9 134.9
152 51.2 40.6 60.8



#53
3-Nitroaniline
Concen: 36.257 ng
RT: 9.839 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

Tgt Ion:138 Resp: 56826
Ion Ratio Lower Upper
138 100
108 11.9 9.1 13.7
92 128.6 98.7 148.1

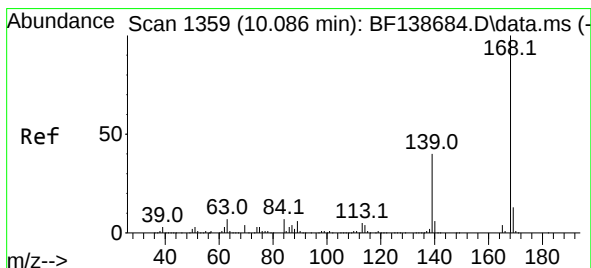
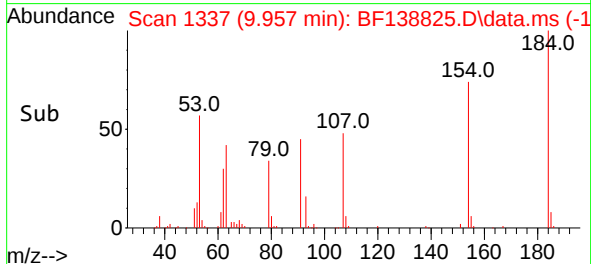
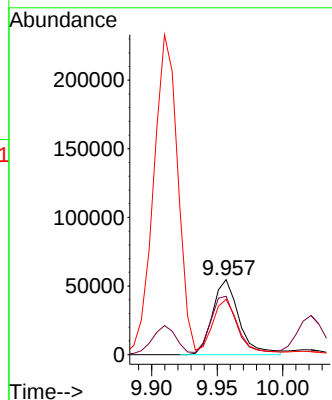
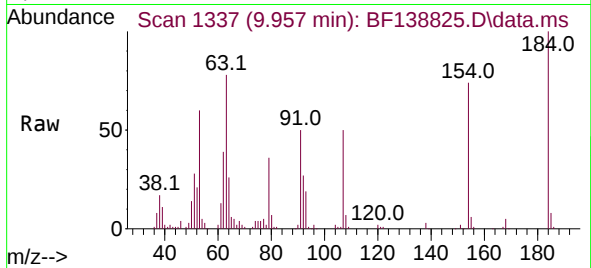




#54
2,4-Dinitrophenol
Concen: 110.030 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

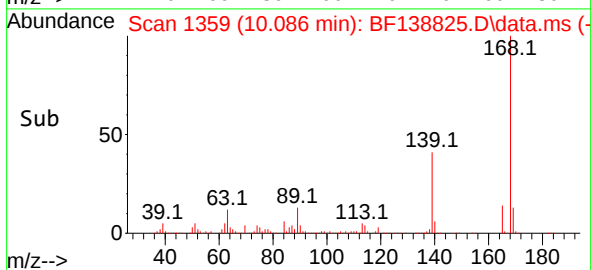
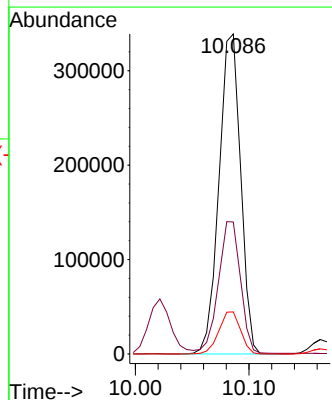
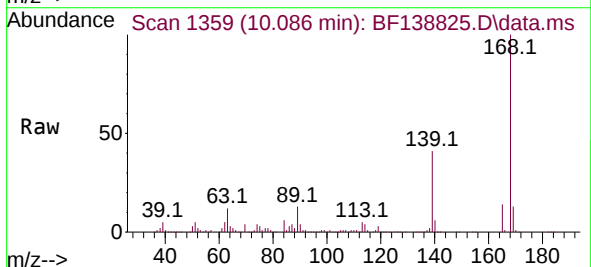
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMSD

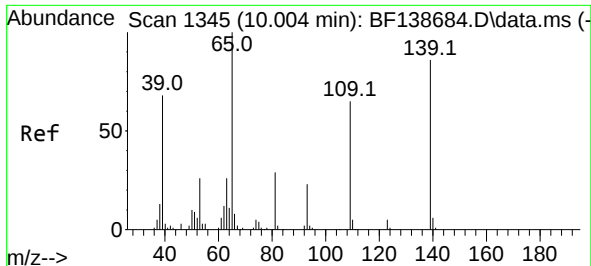
Tgt Ion:184 Resp: 76792
Ion Ratio Lower Upper
184 100
63 77.9 57.5 86.3
154 73.8 51.7 77.5



#55
Dibenzofuran
Concen: 54.486 ng
RT: 10.086 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

Tgt Ion:168 Resp: 448755
Ion Ratio Lower Upper
168 100
139 41.3 32.6 49.0
169 13.1 10.7 16.1

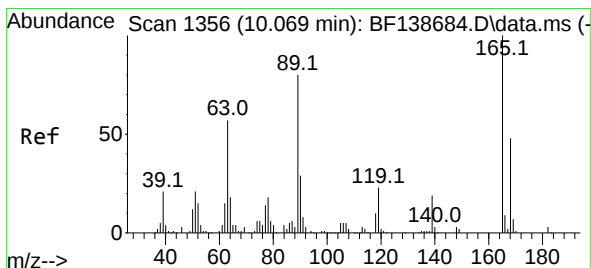
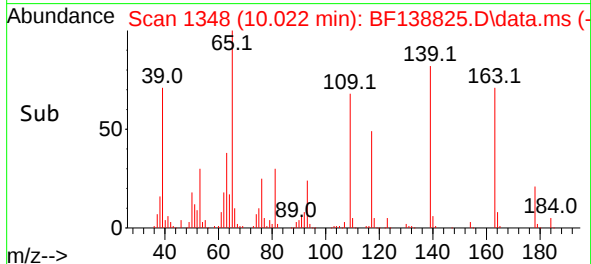
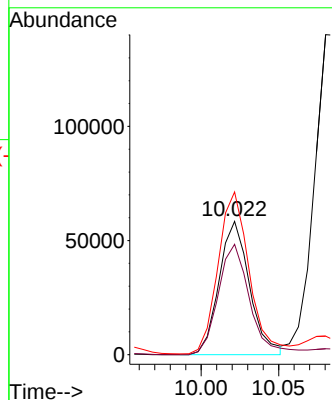
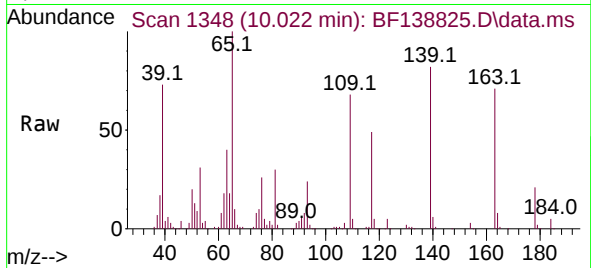




#56
4-Nitrophenol
Concen: 84.930 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

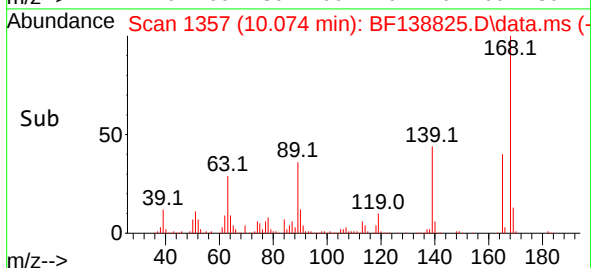
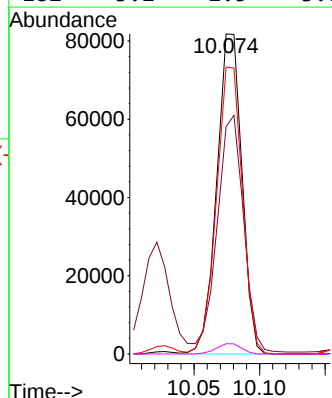
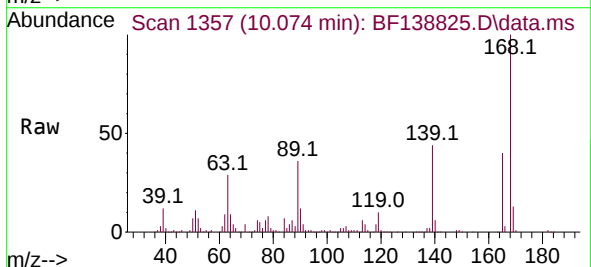
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMSD

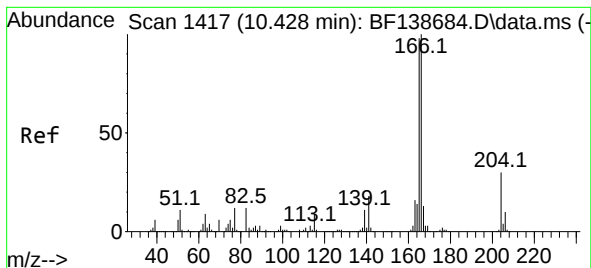
Tgt Ion:139 Resp: 80047
Ion Ratio Lower Upper
139 100
109 82.8 55.5 95.5
65 122.0 96.7 136.7



#57
2,4-Dinitrotoluene
Concen: 56.380 ng
RT: 10.074 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

Tgt Ion:165 Resp: 109057
Ion Ratio Lower Upper
165 100
63 71.1 46.3 69.5#
89 89.6 64.2 96.4
182 3.2 2.5 3.7





#58

Fluorene

Concen: 55.177 ng

RT: 10.427 min Scan# 1417

Delta R.T. -0.000 min

Lab File: BF138825.D

Acq: 07 Aug 2024 01:02

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMSD

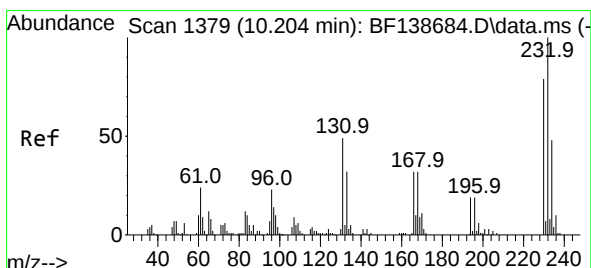
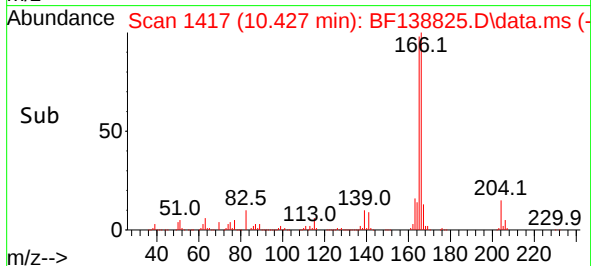
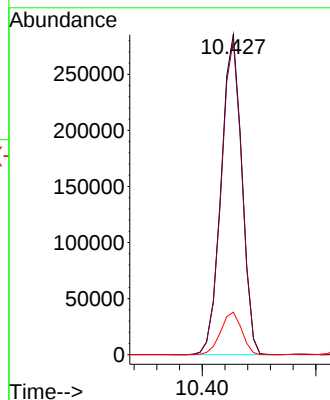
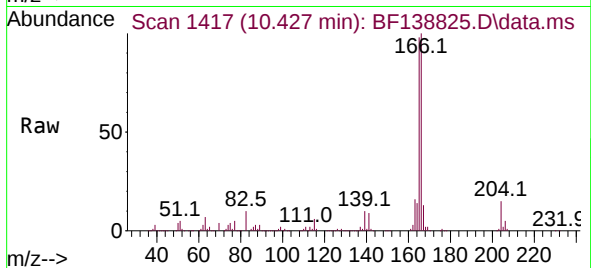
Tgt Ion:166 Resp: 361893

Ion Ratio Lower Upper

166 100

165 98.3 78.4 117.6

167 13.3 10.6 16.0



#59

2,3,4,6-Tetrachlorophenol

Concen: 57.431 ng

RT: 10.210 min Scan# 1380

Delta R.T. 0.006 min

Lab File: BF138825.D

Acq: 07 Aug 2024 01:02

Tgt Ion:232 Resp: 85414

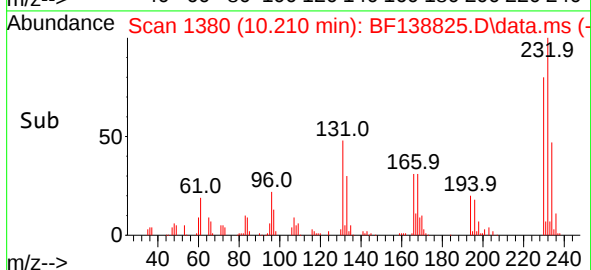
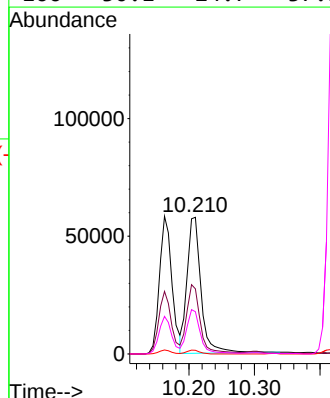
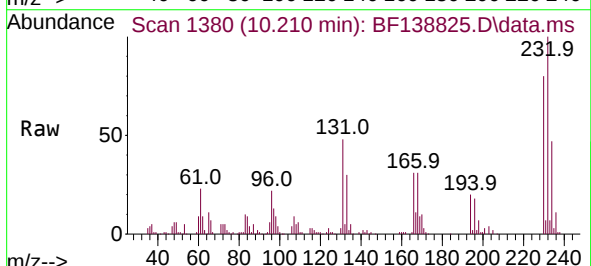
Ion Ratio Lower Upper

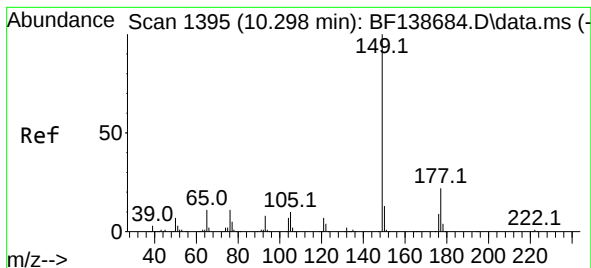
232 100

131 49.0 37.0 55.4

130 2.6 2.0 3.0

166 30.1 24.7 37.1





#60

Diethylphthalate

Concen: 57.448 ng

RT: 10.298 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138825.D

Acq: 07 Aug 2024 01:02

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMSD

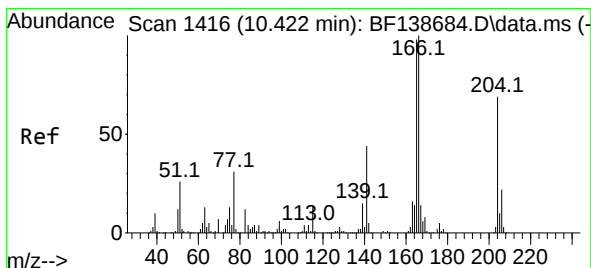
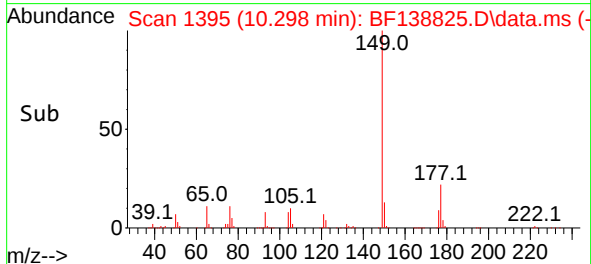
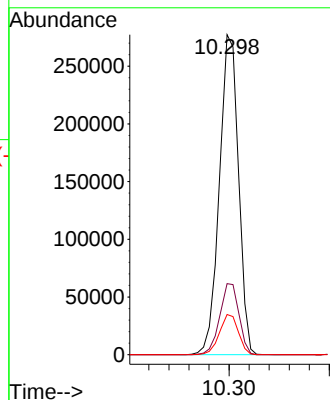
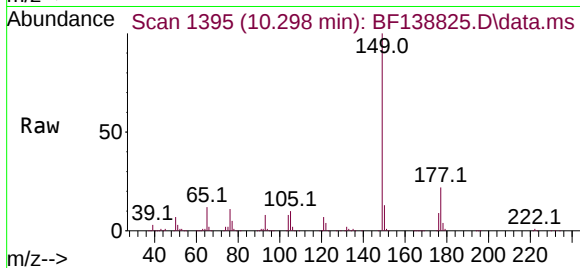
Tgt Ion:149 Resp: 365930

Ion Ratio Lower Upper

149 100

177 22.2 17.8 26.8

150 12.6 10.1 15.1



#61

4-Chlorophenyl-phenylether

Concen: 55.368 ng

RT: 10.416 min Scan# 1415

Delta R.T. -0.006 min

Lab File: BF138825.D

Acq: 07 Aug 2024 01:02

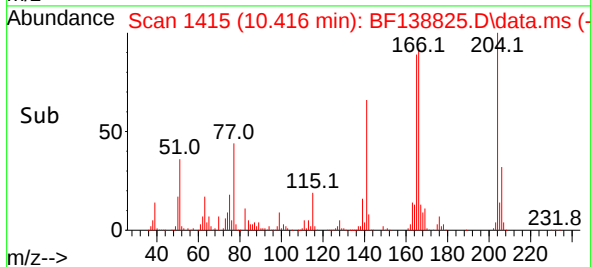
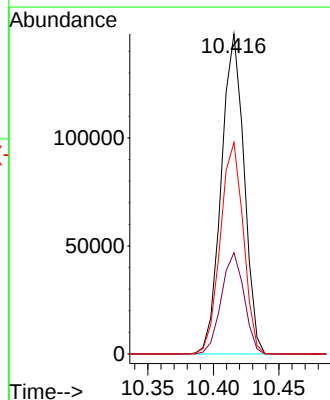
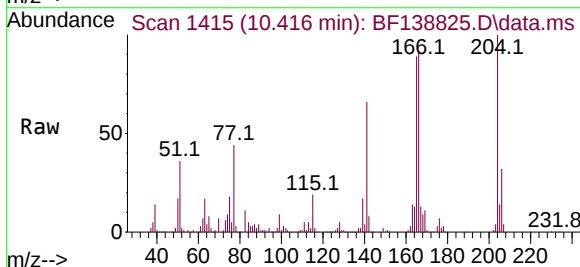
Tgt Ion:204 Resp: 178601

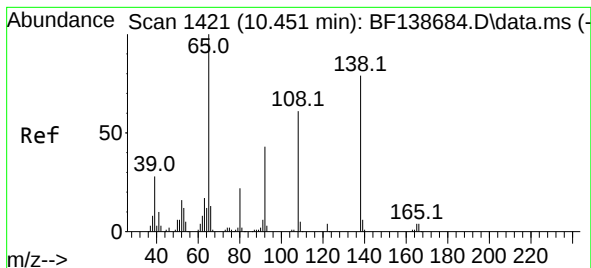
Ion Ratio Lower Upper

204 100

206 31.6 26.1 39.1

141 66.1 51.4 77.0

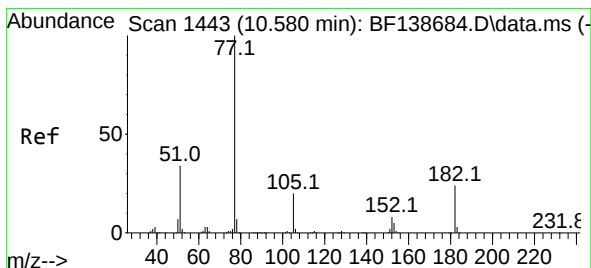
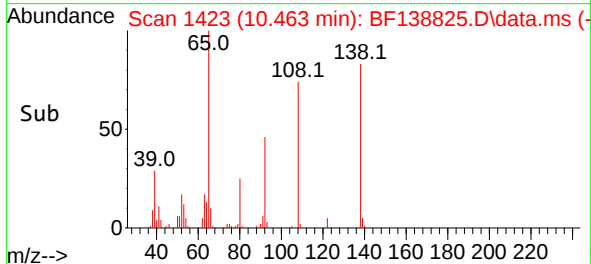
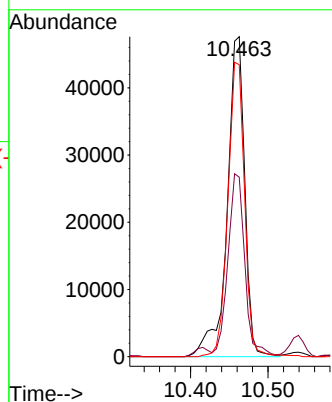
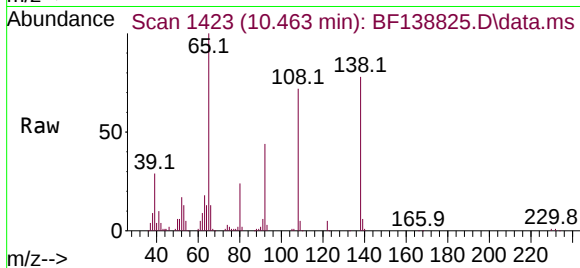




#62
4-Nitroaniline
Concen: 50.662 ng
RT: 10.463 min Scan# 1421
Delta R.T. 0.012 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

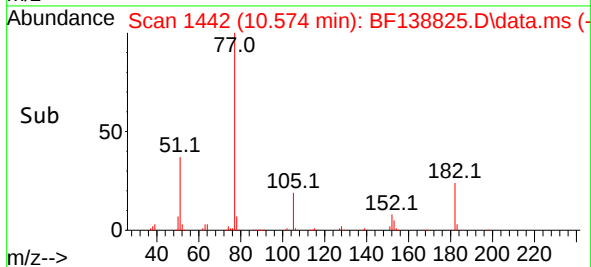
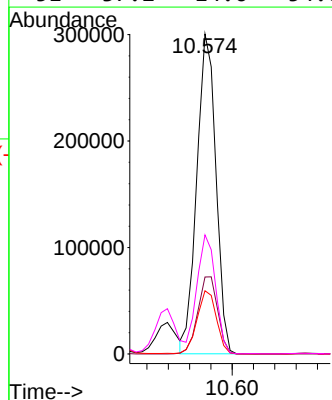
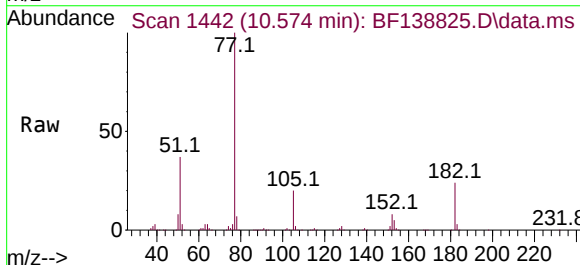
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMSD

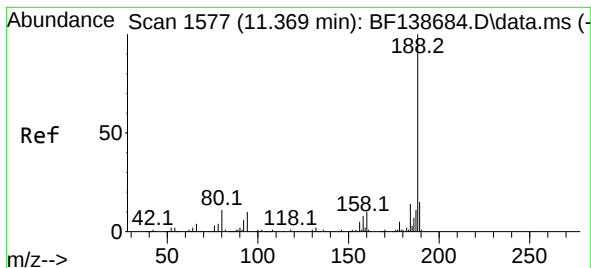
Tgt Ion:138 Resp: 75459
Ion Ratio Lower Upper
138 100
92 56.1 34.2 74.2
108 91.2 56.2 96.2



#63
Azobenzene
Concen: 53.210 ng
RT: 10.574 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

Tgt Ion: 77 Resp: 375910
Ion Ratio Lower Upper
77 100
182 24.1 3.4 43.4
105 19.8 0.2 40.2
51 37.2 14.6 54.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138825.D

Acq: 07 Aug 2024 01:02

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMSD

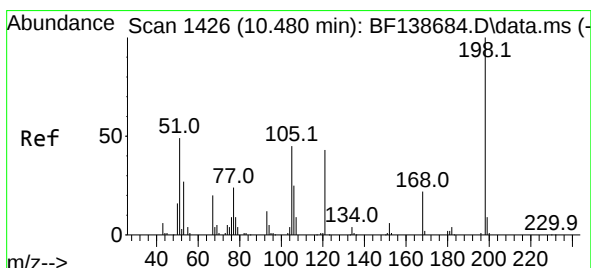
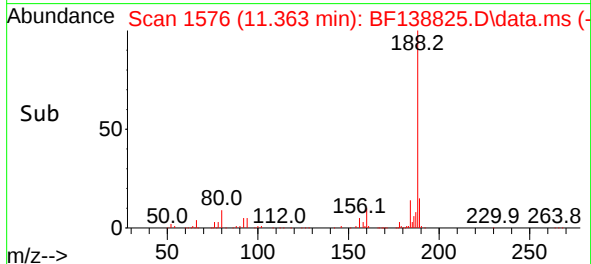
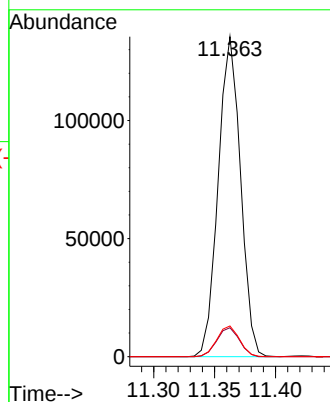
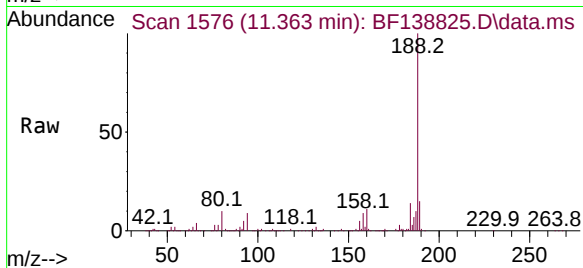
Tgt Ion:188 Resp: 172727

Ion Ratio Lower Upper

188 100

94 9.0 7.6 11.4

80 9.6 8.6 12.8



#65

4,6-Dinitro-2-methylphenol

Concen: 56.240 ng

RT: 10.492 min Scan# 1428

Delta R.T. 0.012 min

Lab File: BF138825.D

Acq: 07 Aug 2024 01:02

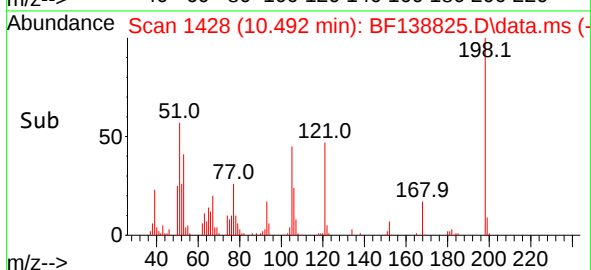
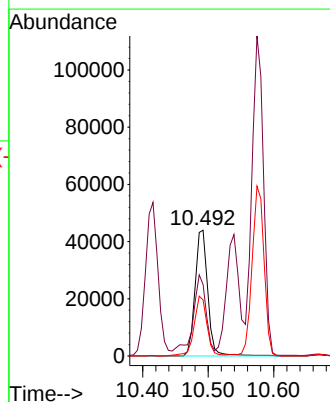
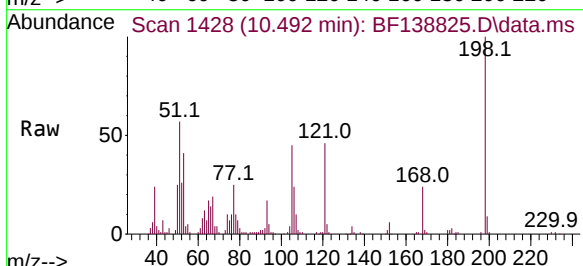
Tgt Ion:198 Resp: 59265

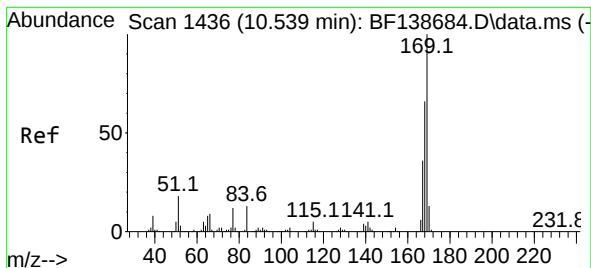
Ion Ratio Lower Upper

198 100

51 56.8 39.9 79.9

105 44.6 26.1 66.1

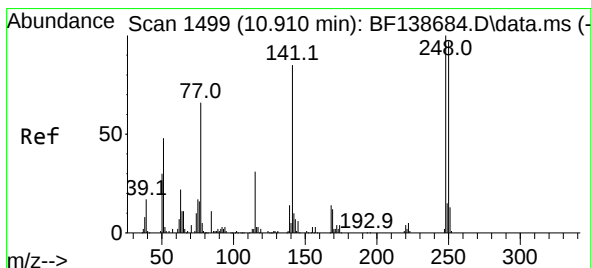
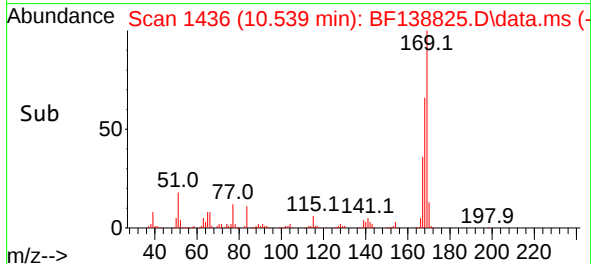
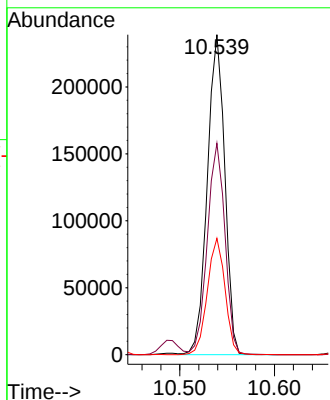
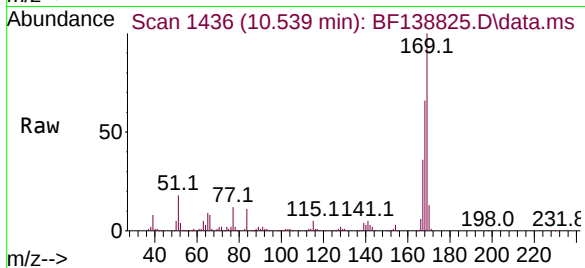




#66
n-Nitrosodiphenylamine
Concen: 56.698 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

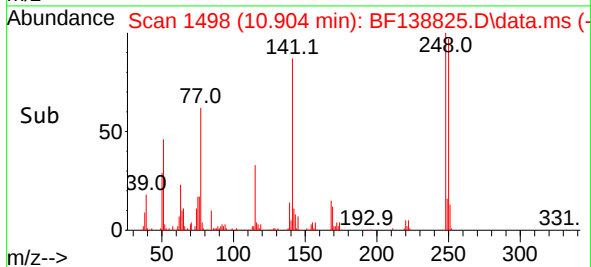
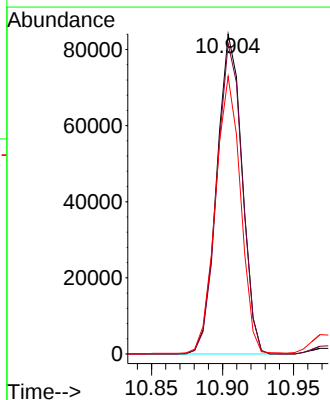
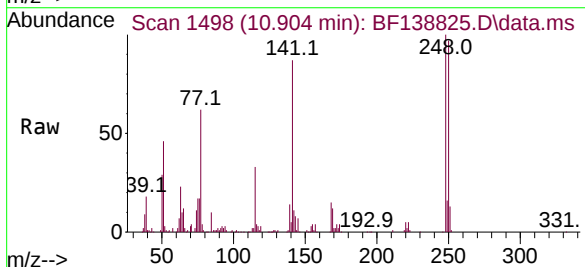
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMSD

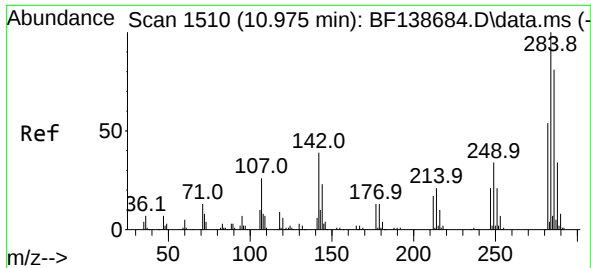
Tgt Ion:169 Resp: 306115
Ion Ratio Lower Upper
169 100
168 66.1 53.0 79.6
167 36.4 29.0 43.6



#67
4-Bromophenyl-phenylether
Concen: 55.736 ng
RT: 10.904 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

Tgt Ion:248 Resp: 104231
Ion Ratio Lower Upper
248 100
250 97.0 77.7 116.5
141 86.8 68.0 102.0

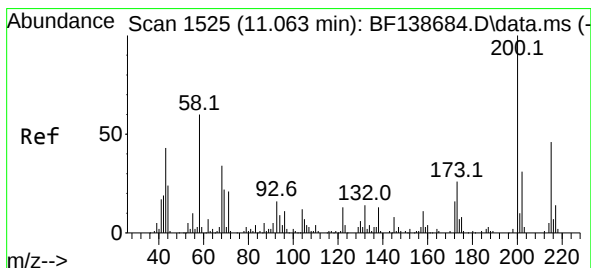
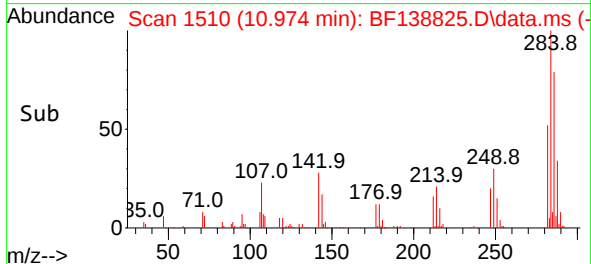
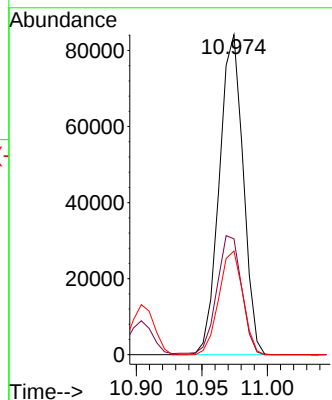
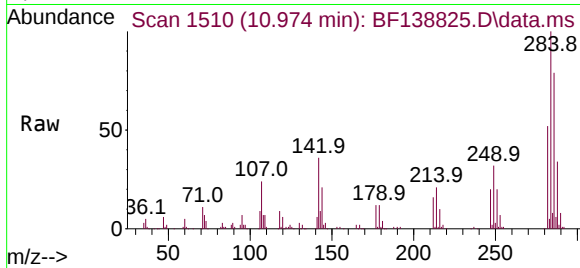




#68
Hexachlorobenzene
Concen: 55.080 ng
RT: 10.974 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

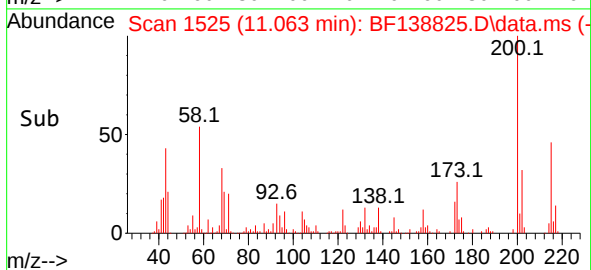
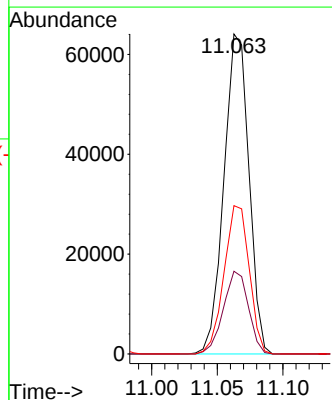
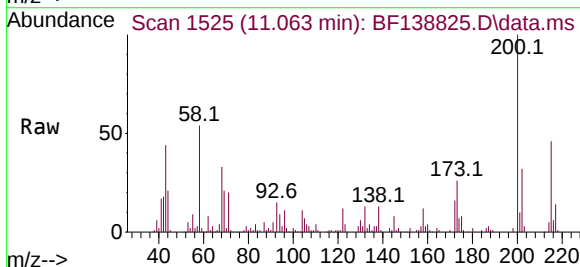
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMSD

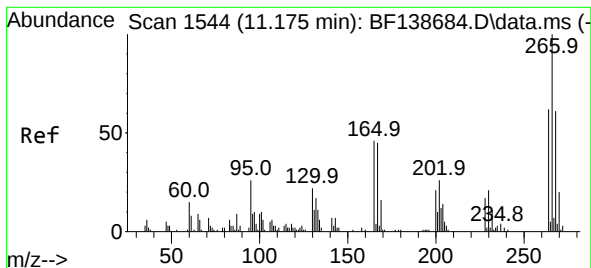
Tgt Ion:284 Resp: 106354
Ion Ratio Lower Upper
284 100
142 36.2 31.3 46.9
249 32.4 27.2 40.8



#69
Atrazine
Concen: 60.930 ng
RT: 11.063 min Scan# 1525
Delta R.T. -0.000 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

Tgt Ion:200 Resp: 84873
Ion Ratio Lower Upper
200 100
173 25.8 6.0 46.0
215 46.4 26.1 66.1





#70

Pentachlorophenol

Concen: 103.719 ng

RT: 11.174 min Scan# 1

Delta R.T. -0.001 min

Lab File: BF138825.D

Acq: 07 Aug 2024 01:02

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMSD

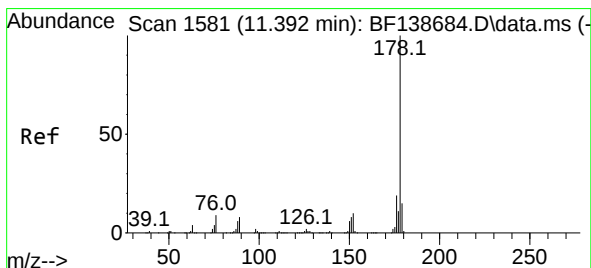
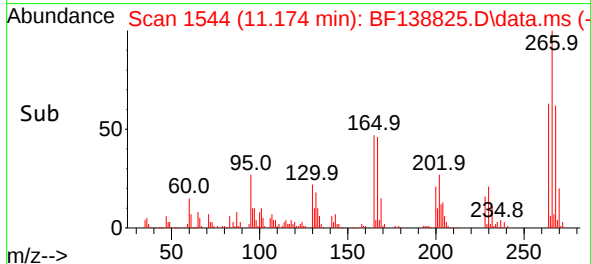
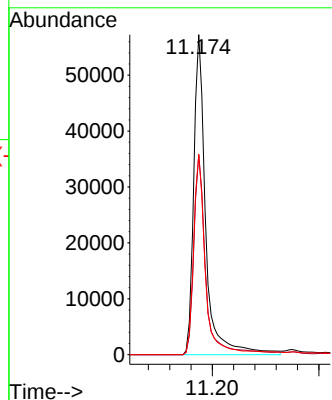
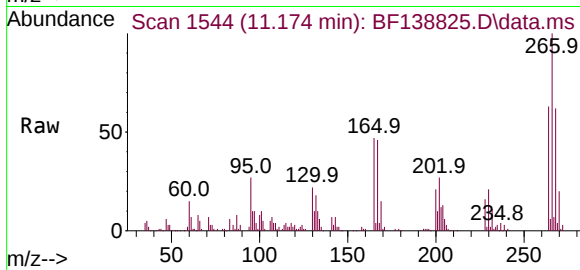
Tgt Ion:266 Resp: 90270

Ion Ratio Lower Upper

266 100

268 62.3 49.2 73.8

264 62.7 49.8 74.6



#71

Phenanthrene

Concen: 56.270 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF138825.D

Acq: 07 Aug 2024 01:02

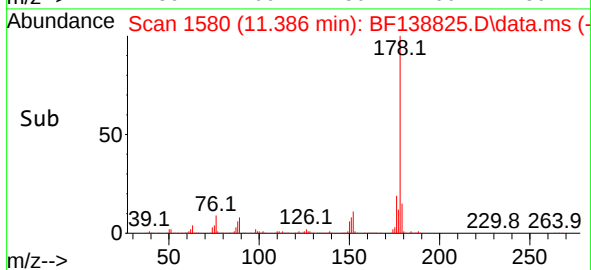
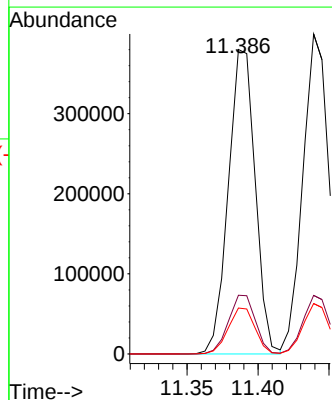
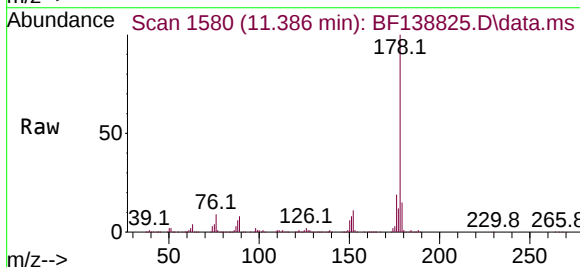
Tgt Ion:178 Resp: 500470

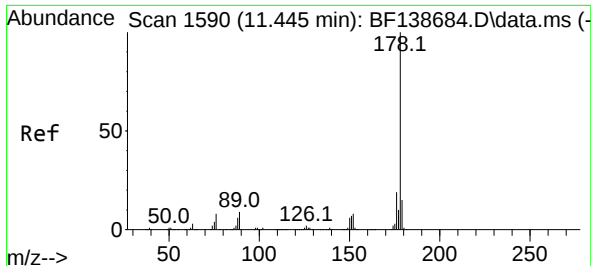
Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 15.1 12.2 18.2

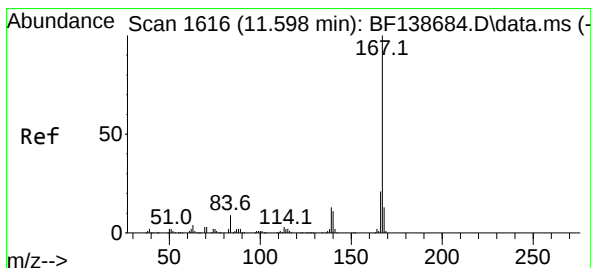
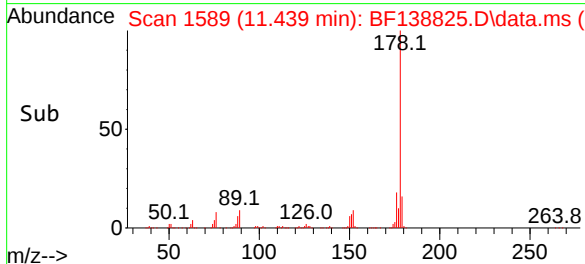
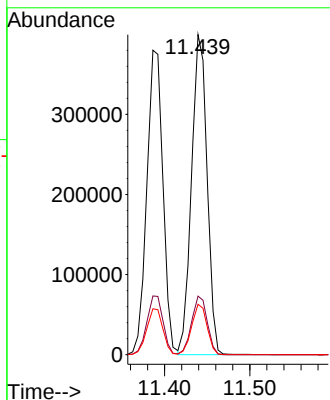
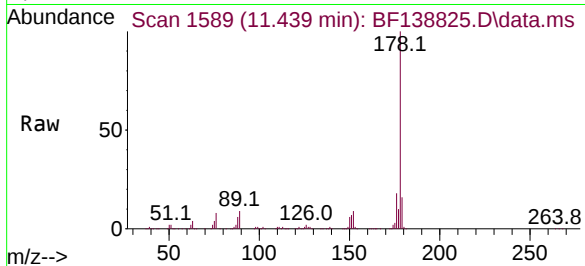




#72
 Anthracene
 Concen: 57.807 ng
 RT: 11.439 min Scan# 1589
 Delta R.T. -0.006 min
 Lab File: BF138825.D
 Acq: 07 Aug 2024 01:02

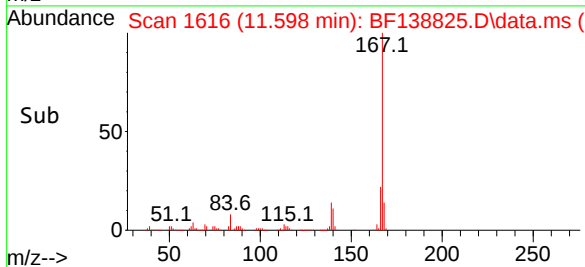
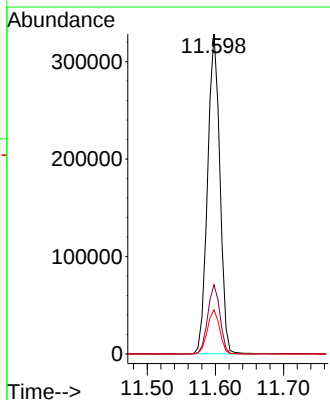
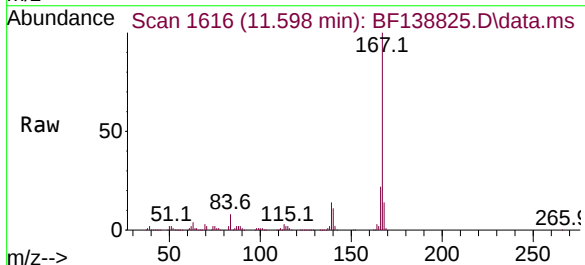
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMPMSD

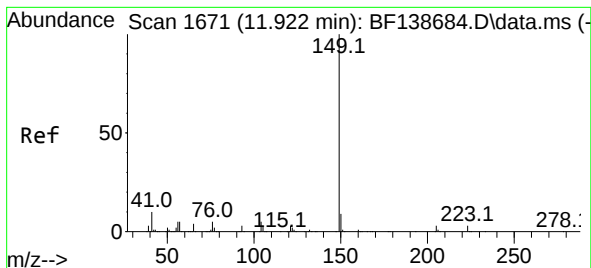
Tgt Ion:178 Resp: 506498
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.9 22.3
 179 15.7 12.4 18.6



#73
 Carbazole
 Concen: 54.484 ng
 RT: 11.598 min Scan# 1616
 Delta R.T. -0.000 min
 Lab File: BF138825.D
 Acq: 07 Aug 2024 01:02

Tgt Ion:167 Resp: 411864
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 13.8 10.6 16.0

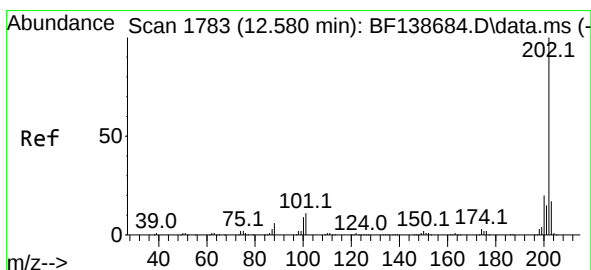
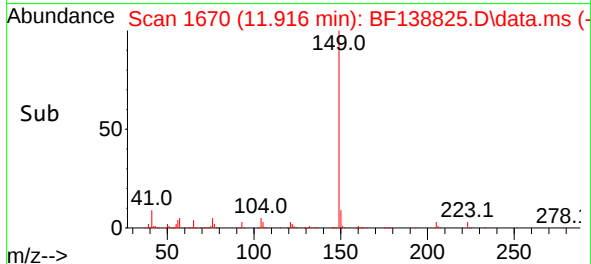
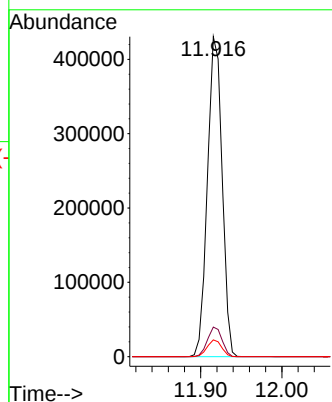
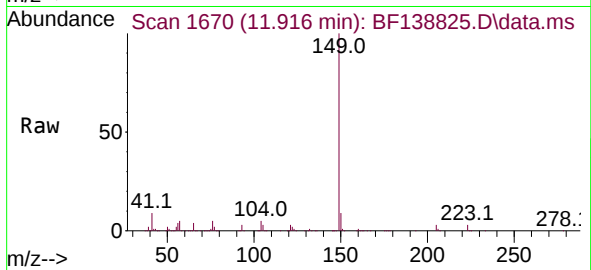




#74
Di-n-butylphthalate
Concen: 63.463 ng
RT: 11.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

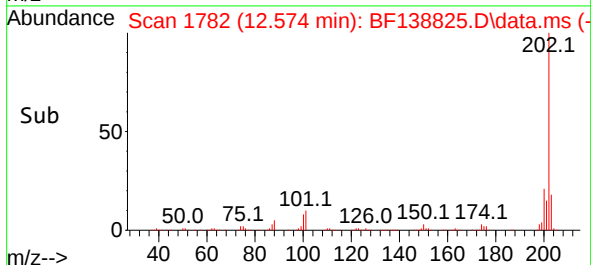
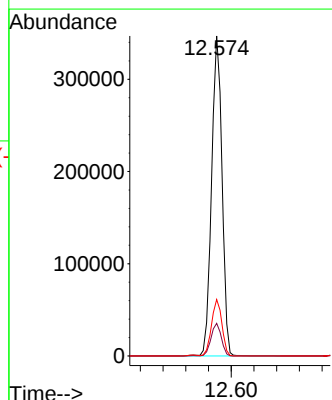
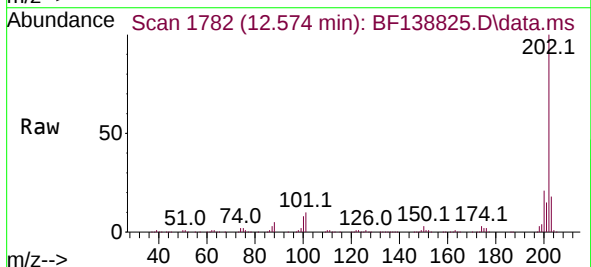
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMSD

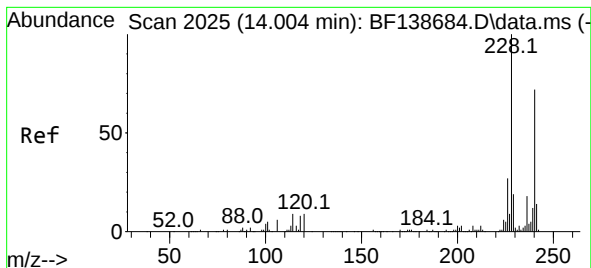
Tgt Ion:149 Resp: 539304
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.3 4.1 6.1



#75
Fluoranthene
Concen: 52.992 ng
RT: 12.574 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

Tgt Ion:202 Resp: 440003
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.2
203 17.6 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF138825.D

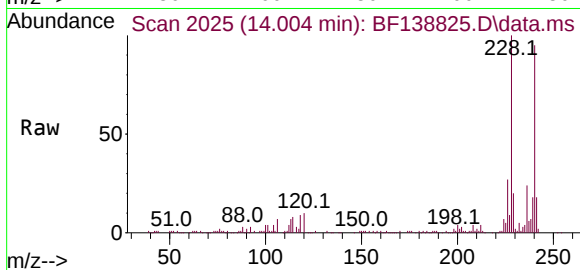
Acq: 07 Aug 2024 01:02

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMSD



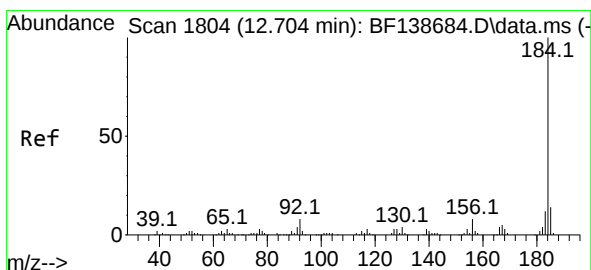
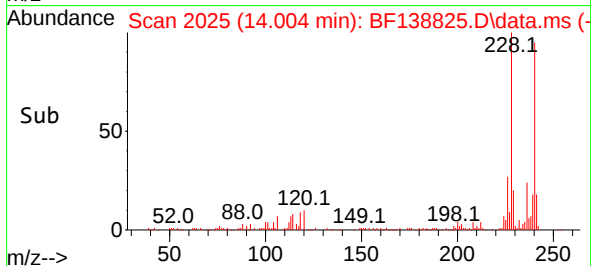
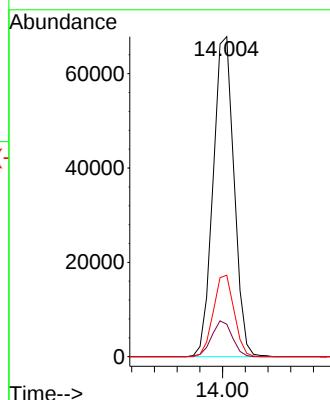
Tgt Ion:240 Resp: 86871

Ion Ratio Lower Upper

240 100

120 10.1 10.2 15.4#

236 25.5 19.8 29.8



#77

Benzidine

Concen: 7.555 ng

RT: 12.698 min Scan# 1803

Delta R.T. -0.006 min

Lab File: BF138825.D

Acq: 07 Aug 2024 01:02

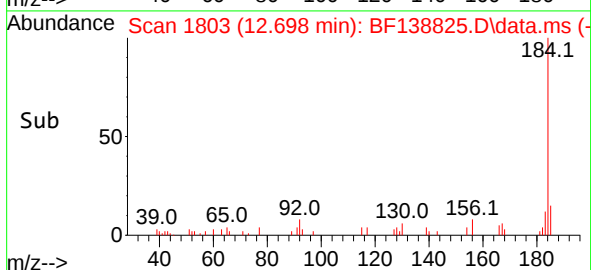
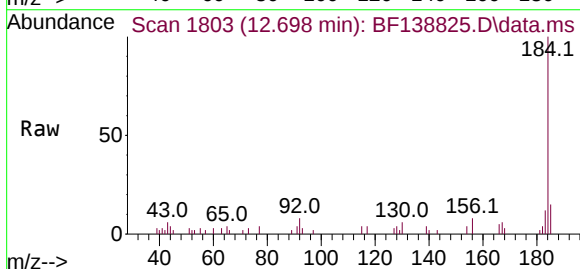
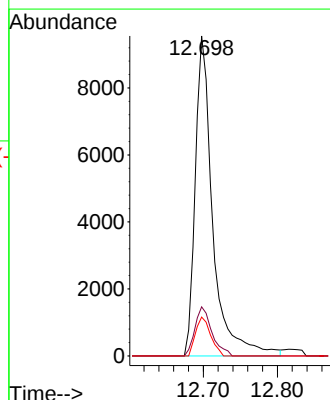
Tgt Ion:184 Resp: 15698

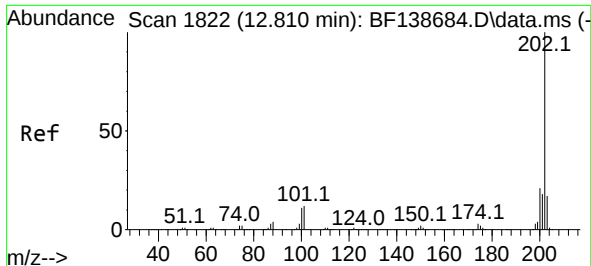
Ion Ratio Lower Upper

184 100

185 15.3 11.1 16.7

183 12.1 9.6 14.4

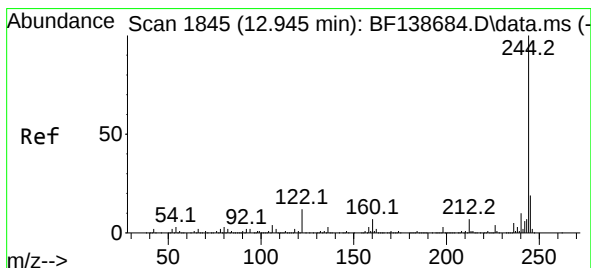
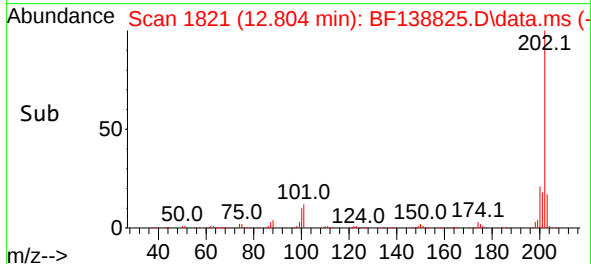
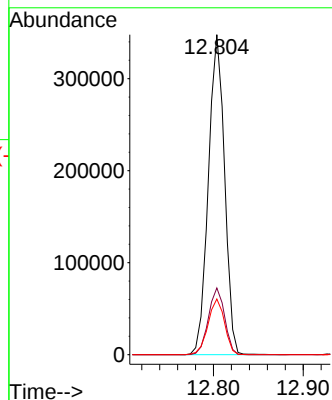
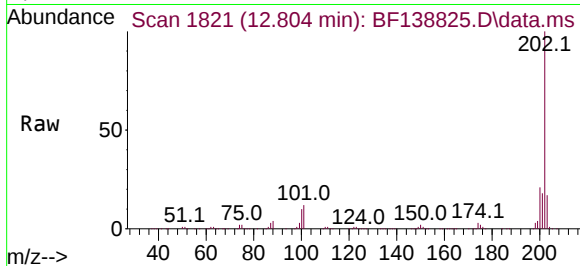




#78
 Pyrene
 Concen: 53.214 ng
 RT: 12.804 min Scan# 1821
 Delta R.T. -0.006 min
 Lab File: BF138825.D
 Acq: 07 Aug 2024 01:02

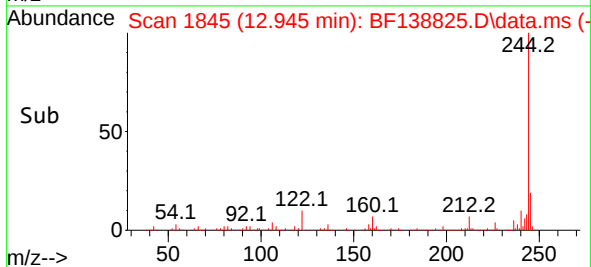
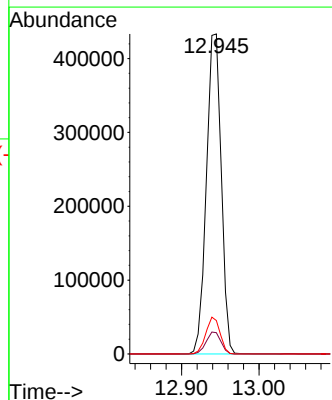
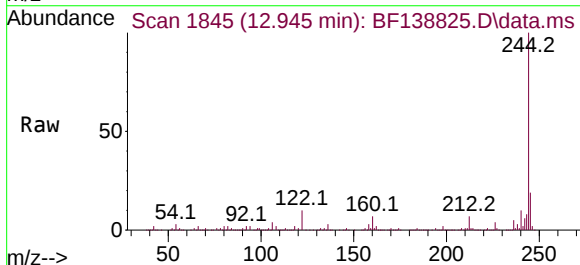
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMPMSD

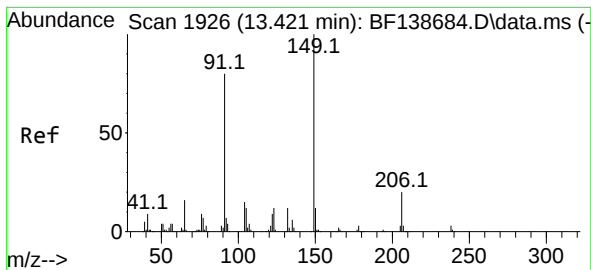
Tgt Ion:202 Resp: 435250
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.8 25.2
 203 17.4 13.8 20.6



#79
 Terphenyl-d14
 Concen: 110.990 ng
 RT: 12.945 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: BF138825.D
 Acq: 07 Aug 2024 01:02

Tgt Ion:244 Resp: 575884
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.5 9.6 14.4





#80

Butylbenzylphthalate

Concen: 62.260 ng

RT: 13.415 min Scan# 1926

Delta R.T. -0.006 min

Lab File: BF138825.D

Acq: 07 Aug 2024 01:02

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMSD

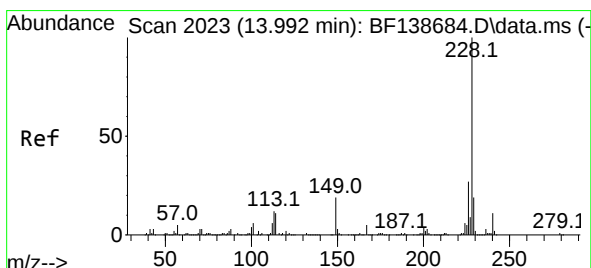
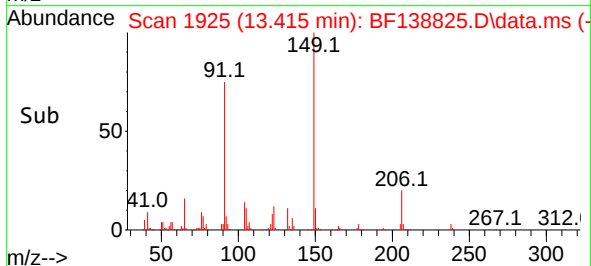
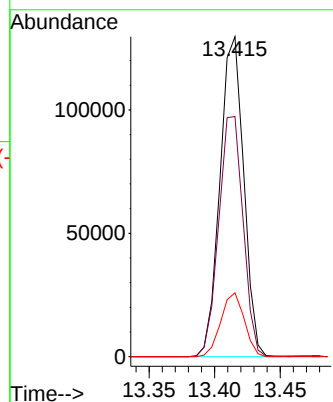
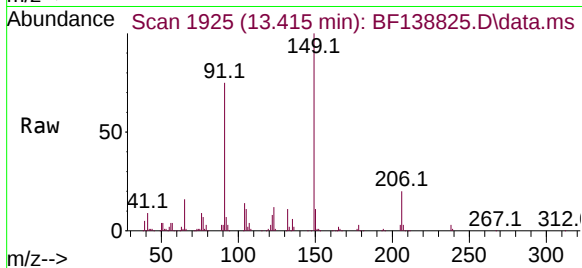
Tgt Ion:149 Resp: 163072

Ion Ratio Lower Upper

149 100

91 75.0 63.7 95.5

206 20.0 16.2 24.2



#81

Benzo(a)anthracene

Concen: 56.667 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF138825.D

Acq: 07 Aug 2024 01:02

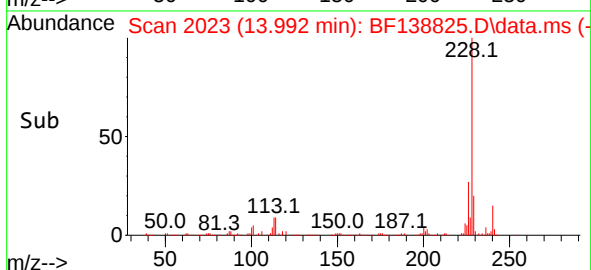
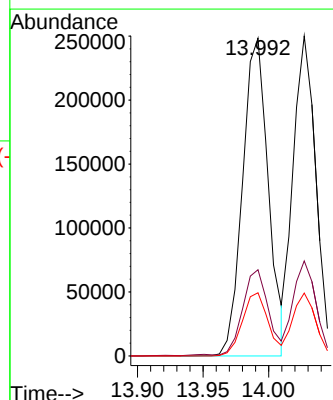
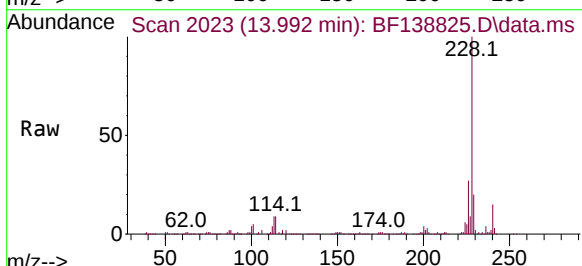
Tgt Ion:228 Resp: 338988

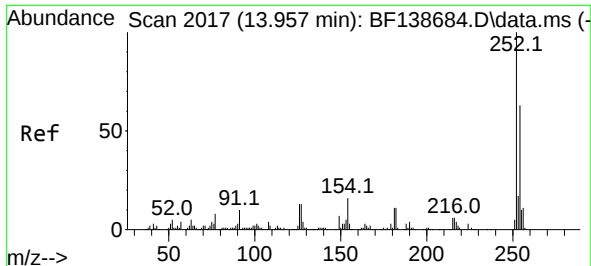
Ion Ratio Lower Upper

228 100

226 27.2 22.1 33.1

229 19.9 15.4 23.0

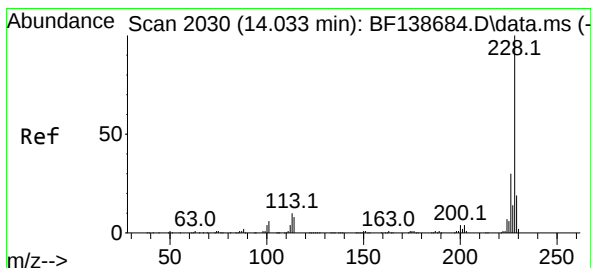
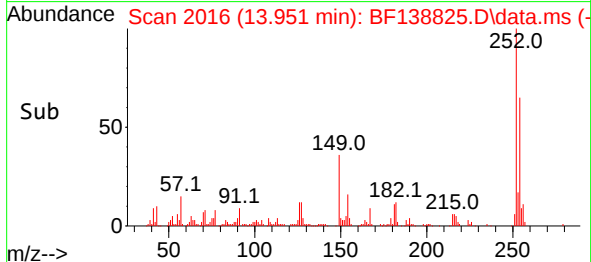
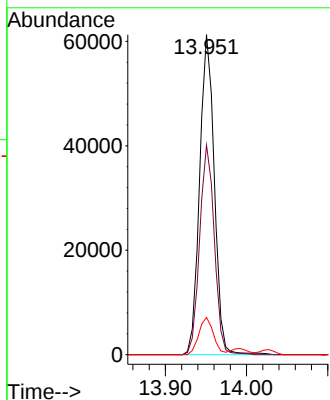
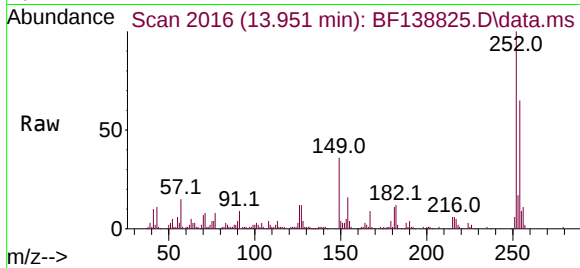




#82
3,3'-Dichlorobenzidine
Concen: 50.305 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

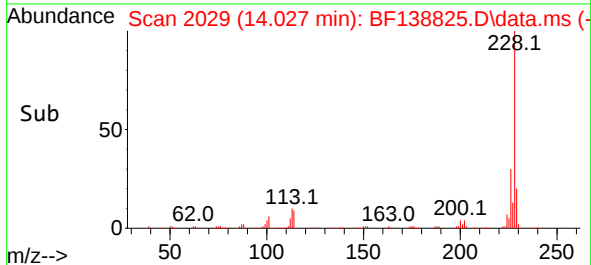
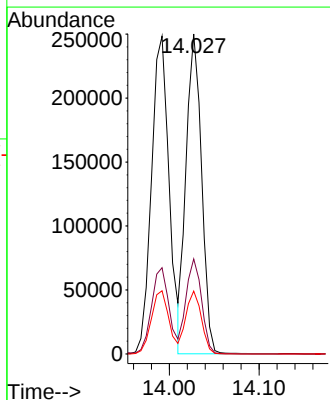
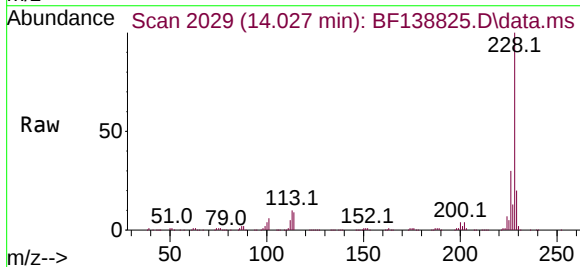
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMSD

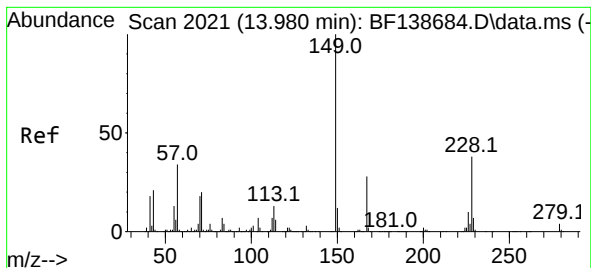
Tgt Ion:252 Resp: 77010
Ion Ratio Lower Upper
252 100
254 65.5 50.8 76.2
126 11.7 10.2 15.2



#83
Chrysene
Concen: 55.637 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF138825.D
Acq: 07 Aug 2024 01:02

Tgt Ion:228 Resp: 300274
Ion Ratio Lower Upper
228 100
226 29.7 23.7 35.5
229 19.6 15.0 22.6

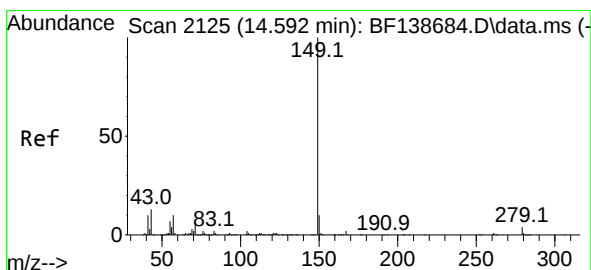
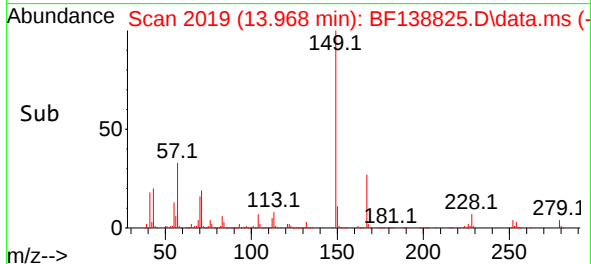
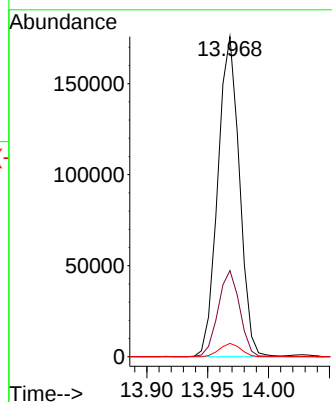
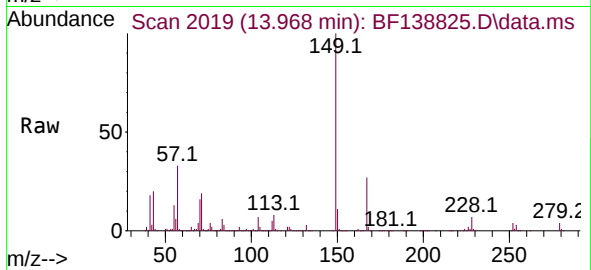




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 56.739 ng
 RT: 13.968 min Scan# 2019
 Delta R.T. -0.012 min
 Lab File: BF138825.D
 Acq: 07 Aug 2024 01:02

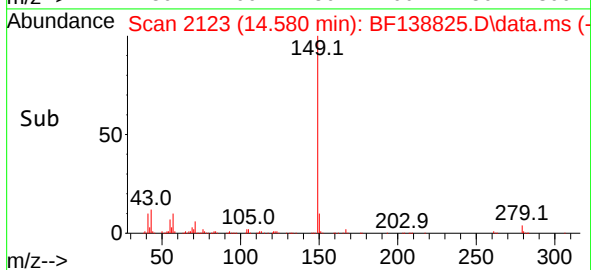
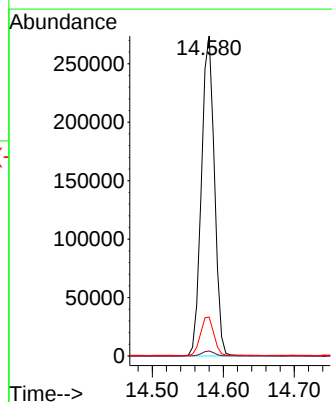
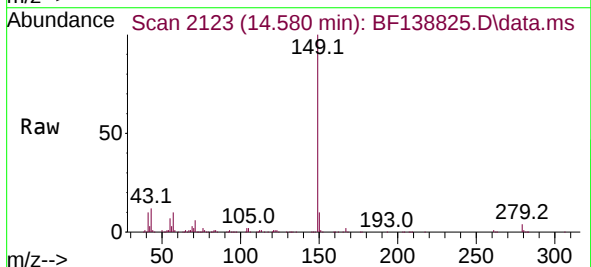
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMPMSD

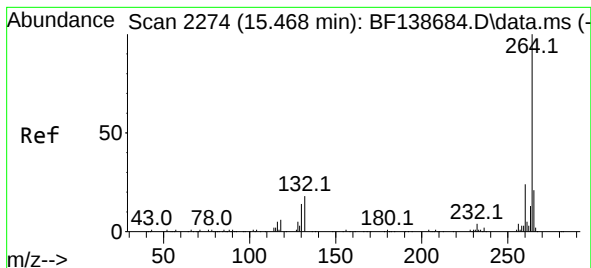
Tgt Ion:149 Resp: 217614
 Ion Ratio Lower Upper
 149 100
 167 26.9 22.2 33.4
 279 4.1 3.4 5.0



#85
 Di-n-octyl phthalate
 Concen: 49.283 ng
 RT: 14.580 min Scan# 2123
 Delta R.T. -0.012 min
 Lab File: BF138825.D
 Acq: 07 Aug 2024 01:02

Tgt Ion:149 Resp: 349717
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.0
 43 12.4 10.4 15.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.456 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF138825.D

Acq: 07 Aug 2024 01:02

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMSD

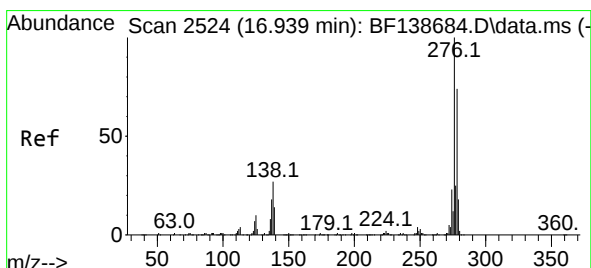
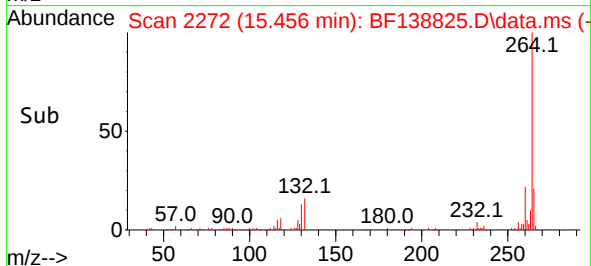
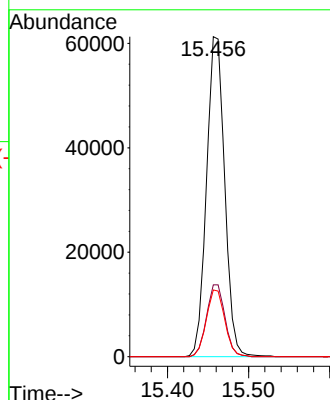
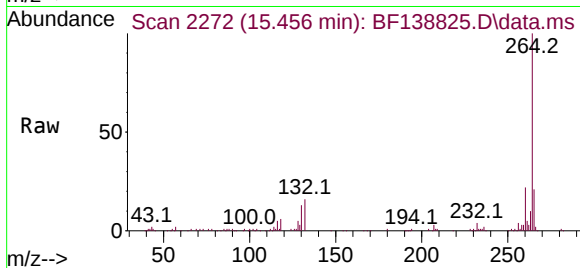
Tgt Ion:264 Resp: 94985

Ion Ratio Lower Upper

264 100

260 22.5 19.0 28.6

265 20.9 17.0 25.6



#87

Indeno(1,2,3-cd)pyrene

Concen: 47.508 ng

RT: 16.939 min Scan# 2524

Delta R.T. -0.000 min

Lab File: BF138825.D

Acq: 07 Aug 2024 01:02

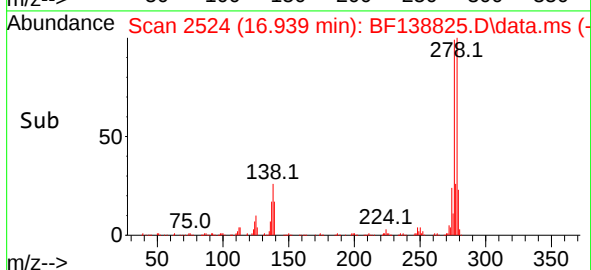
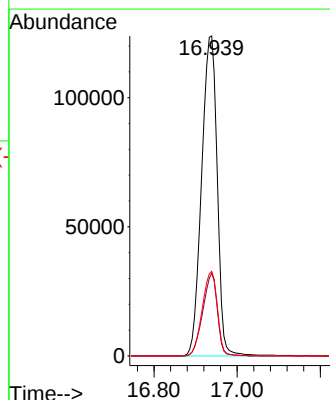
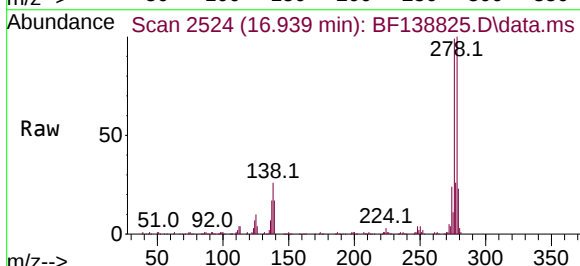
Tgt Ion:276 Resp: 323385

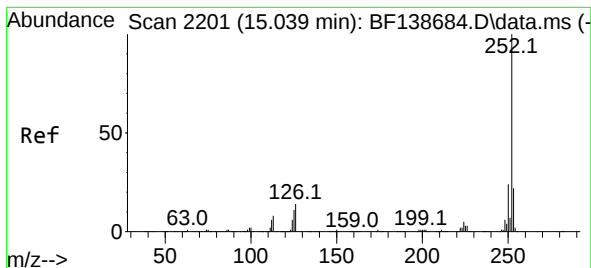
Ion Ratio Lower Upper

276 100

138 24.0 21.8 32.8

277 25.7 20.6 30.8





#88

Benzo(b)fluoranthene

Concen: 54.215 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138825.D

Acq: 07 Aug 2024 01:02

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMSD

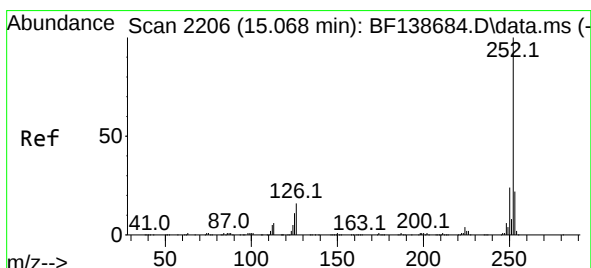
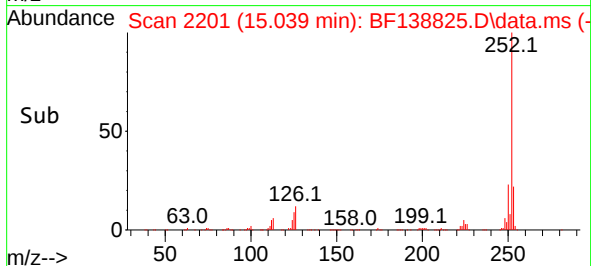
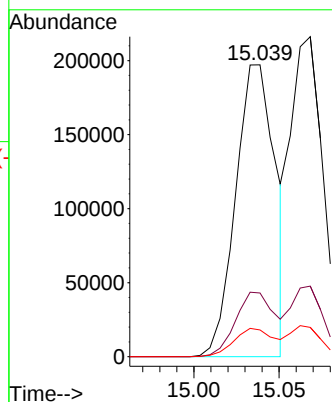
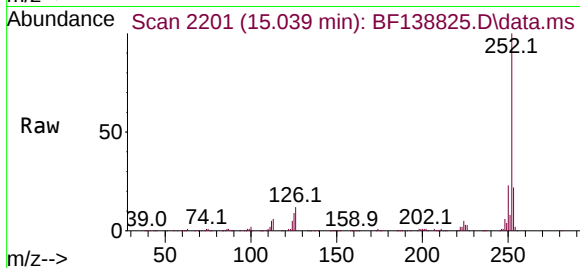
Tgt Ion:252 Resp: 319223

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.2 8.9 13.3



#89

Benzo(k)fluoranthene

Concen: 56.323 ng

RT: 15.068 min Scan# 2206

Delta R.T. -0.000 min

Lab File: BF138825.D

Acq: 07 Aug 2024 01:02

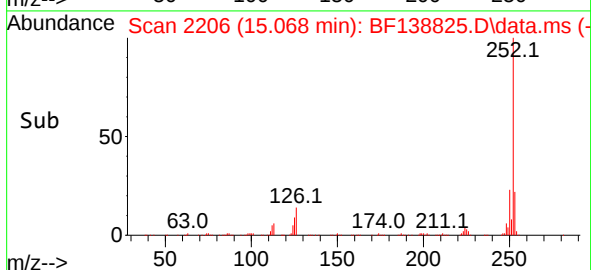
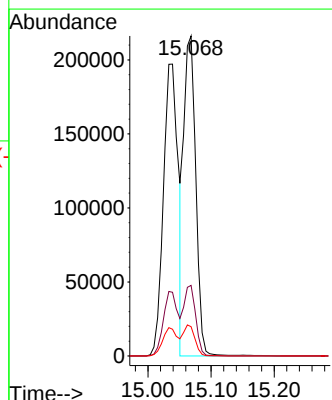
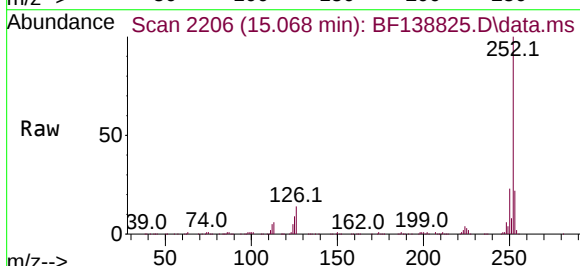
Tgt Ion:252 Resp: 287139

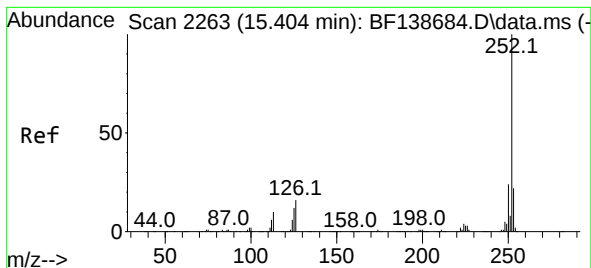
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 9.1 8.6 13.0





#90

Benzo(a)pyrene

Concen: 57.172 ng

RT: 15.404 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138825.D

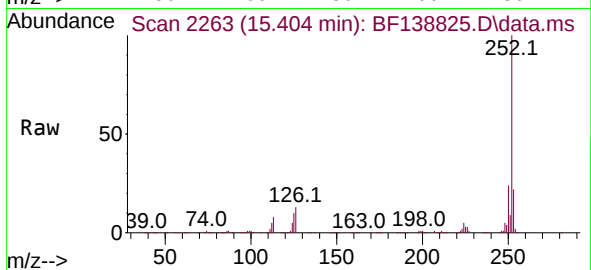
Acq: 07 Aug 2024 01:02

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMSD



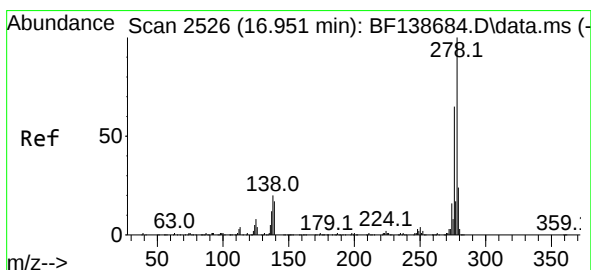
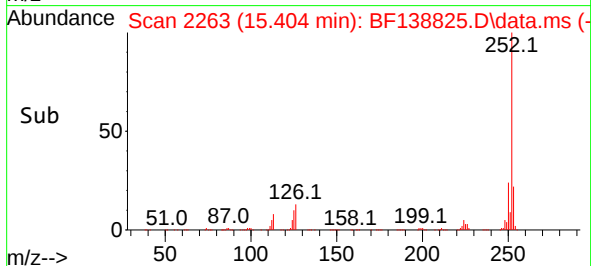
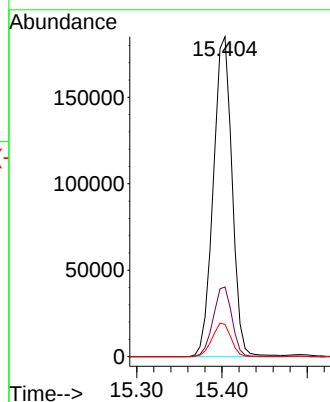
Tgt Ion:252 Resp: 283161

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 10.1 9.5 14.3



#91

Dibenzo(a,h)anthracene

Concen: 46.781 ng

RT: 16.945 min Scan# 2525

Delta R.T. -0.006 min

Lab File: BF138825.D

Acq: 07 Aug 2024 01:02

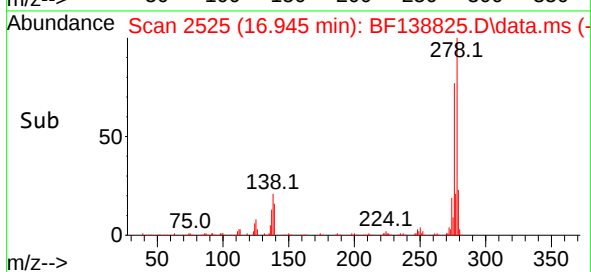
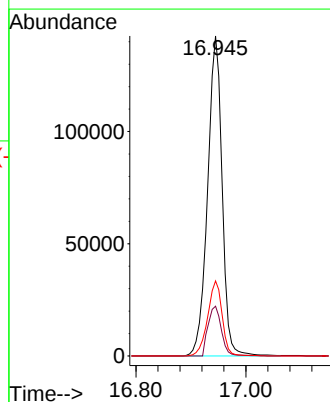
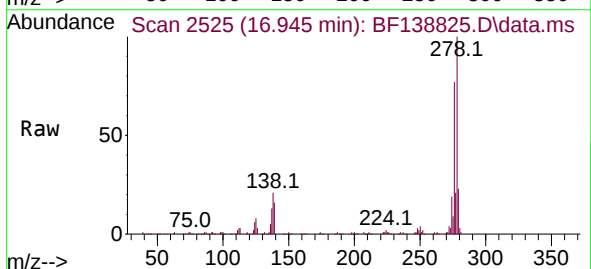
Tgt Ion:278 Resp: 261398

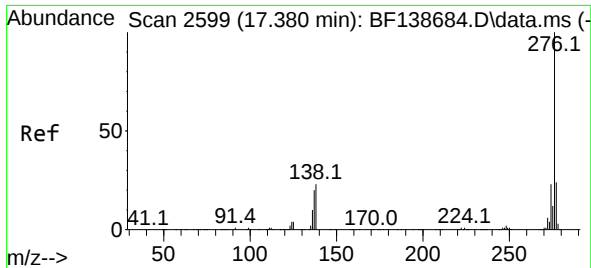
Ion Ratio Lower Upper

278 100

139 15.6 14.0 21.0

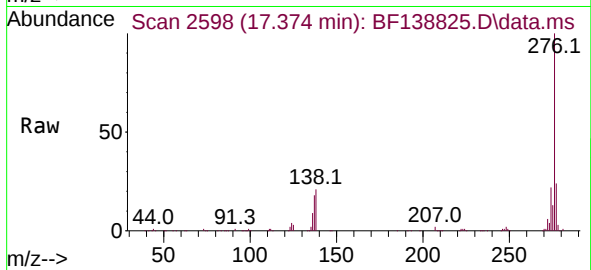
279 23.4 19.0 28.4





#92
 Benzo(g,h,i)perylene
 Concen: 39.955 ng
 RT: 17.374 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF138825.D
 Acq: 07 Aug 2024 01:02

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMPMSD



Tgt Ion:276 Resp: 231670
 Ion Ratio Lower Upper
 276 100
 277 23.6 19.0 28.4
 138 21.0 18.5 27.7

