

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
 Data File : BF137989.D
 Acq On : 21 May 2024 20:46
 Operator : CG\JU
 Sample : P2538-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POLE-SLEEVE-SOILMS

Quant Time: May 22 01:31:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	167083	20.000	ng	-0.01
21) Naphthalene-d8	8.322	136	665481	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	372214	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	584622	20.000	ng	0.00
76) Chrysene-d12	14.233	240	333428	20.000	ng	0.00
86) Perylene-d12	15.792	264	314374	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	870076	88.456	ng	0.00
7) Phenol-d6	6.657	99	1101641	90.919	ng	0.00
23) Nitrobenzene-d5	7.598	82	666285	58.922	ng	-0.01
42) 2,4,6-Tribromophenol	10.880	330	357494	95.255	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1377112	56.991	ng	0.00
79) Terphenyl-d14	13.163	244	1131673	50.022	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.975	88	142326	33.401	ng	99
3) Pyridine	3.740	79	212041	22.177	ng	99
4) n-Nitrosodimethylamine	3.704	42	169694	40.232	ng	# 98
6) Aniline	6.698	93	318727	29.409	ng	98
8) 2-Chlorophenol	6.816	128	456577	42.892	ng	98
9) Benzaldehyde	6.587	77	89317	13.625	ng	97
10) Phenol	6.669	94	517638	42.325	ng	97
11) bis(2-Chloroethyl)ether	6.763	93	393706	41.926	ng	98
12) 1,3-Dichlorobenzene	6.975	146	473133	38.416	ng	98
13) 1,4-Dichlorobenzene	7.051	146	478342	38.693	ng	98
14) 1,2-Dichlorobenzene	7.204	146	465991	40.051	ng	99
15) Benzyl Alcohol	7.169	79	378300	46.756	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.298	45	496928	43.050	ng	98
17) 2-Methylphenol	7.275	107	362119	42.657	ng	99
18) Hexachloroethane	7.545	117	165353	39.527	ng	95
19) n-Nitroso-di-n-propyla...	7.439	70	293373	43.096	ng	99
20) 3+4-Methylphenols	7.428	107	469921	42.254	ng	96
22) Acetophenone	7.445	105	604755	40.566	ng	99
24) Nitrobenzene	7.616	77	443499	38.661	ng	97
25) Isophorone	7.851	82	830631	42.324	ng	99
26) 2-Nitrophenol	7.934	139	246033	42.684	ng	97
27) 2,4-Dimethylphenol	7.957	122	342405	46.139	ng	97
28) bis(2-Chloroethoxy)met...	8.057	93	502680	42.261	ng	99
29) 2,4-Dichlorophenol	8.169	162	396008	42.435	ng	99
30) 1,2,4-Trichlorobenzene	8.257	180	413212	39.658	ng	99
31) Naphthalene	8.339	128	1345163	40.201	ng	99
32) Benzoic acid	8.081	122	280529	44.718	ng	96
33) 4-Chloroaniline	8.386	127	367345	33.489	ng	98
34) Hexachlorobutadiene	8.451	225	253946	38.505	ng	100
35) Caprolactam	8.763	113	84567	31.279	ng	98
36) 4-Chloro-3-methylphenol	8.863	107	412857	43.490	ng	98
37) 2-Methylnaphthalene	9.033	142	895495	41.635	ng	99
38) 1-Methylnaphthalene	9.133	142	833062	39.398	ng	100
40) 1,2,4,5-Tetrachloroben...	9.198	216	422981	41.800	ng	100
41) Hexachlorocyclopentadiene	9.186	237	353715	91.994	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	295286	44.506	ng	99

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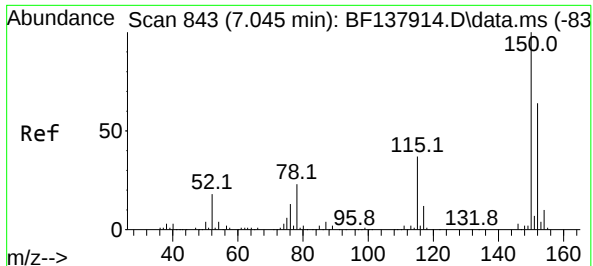
Quant Time: May 22 01:31:17 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	313541	43.190	ng	96
46) 1,1'-Biphenyl	9.498	154	1102817	42.243	ng	99
47) 2-Chloronaphthalene	9.528	162	841958	40.401	ng	98
48) 2-Nitroaniline	9.622	65	234897	44.016	ng	96
49) Acenaphthylene	9.945	152	1352445	45.134	ng	98
50) Dimethylphthalate	9.798	163	1032716	44.245	ng	99
51) 2,6-Dinitrotoluene	9.863	165	229524	42.845	ng	97
52) Acenaphthene	10.122	154	927897	46.851	ng	100
53) 3-Nitroaniline	10.033	138	222208	42.430	ng	98
54) 2,4-Dinitrophenol	10.139	184	195128	68.518	ng	# 83
55) Dibenzofuran	10.292	168	1238265	42.960	ng	100
56) 4-Nitrophenol	10.186	139	338864	90.089	ng	95
57) 2,4-Dinitrotoluene	10.269	165	304367	43.949	ng	93
58) Fluorene	10.639	166	1010070	44.305	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.363	232	261612	45.872	ng	91
60) Diethylphthalate	10.498	149	985479	45.208	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	476606	42.391	ng	98
62) 4-Nitroaniline	10.657	138	211272	42.533	ng	98
63) Azobenzene	10.786	77	859340	43.340	ng	97
65) 4,6-Dinitro-2-methylph...	10.675	198	140219	41.538	ng	85
66) n-Nitrosodiphenylamine	10.745	169	823833	45.951	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	296244	46.222	ng	99
68) Hexachlorobenzene	11.186	284	298905	42.191	ng	99
69) Atrazine	11.269	200	274814	56.134	ng	100
70) Pentachlorophenol	11.380	266	351317	84.657	ng	99
71) Phenanthrene	11.610	178	1892008	65.673	ng	99
72) Anthracene	11.657	178	1441805	50.440	ng	99
73) Carbazole	11.810	167	1084395	41.529	ng	99
74) Di-n-butylphthalate	12.127	149	1605838	55.415	ng	99
75) Fluoranthene	12.804	202	1903639	65.099	ng	99
77) Benzidine	12.916	184	164381	37.723	ng	98
78) Pyrene	13.033	202	1807683	61.986	ng	100
80) Butylbenzylphthalate	13.645	149	2052262	233.308	ng	99
81) Benzo(a)anthracene	14.221	228	1273932	60.391	ng	98
82) 3,3'-Dichlorobenzidine	14.180	252	284917	48.737	ng	98
83) Chrysene	14.263	228	1160674	57.532	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	641245	57.992	ng	99
85) Di-n-octyl phthalate	14.815	149	1013052	67.816	ng	99
87) Indeno(1,2,3-cd)pyrene	17.421	276	674204	33.380	ng	98
88) Benzo(b)fluoranthene	15.327	252	1150334	63.197	ng	100
89) Benzo(k)fluoranthene	15.357	252	984723	55.067	ng	98
90) Benzo(a)pyrene	15.727	252	954617	61.417	ng	97
91) Dibenzo(a,h)anthracene	17.439	278	499505	29.933	ng	99
92) Benzo(g,h,i)perylene	17.915	276	503400	28.716	ng	100

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

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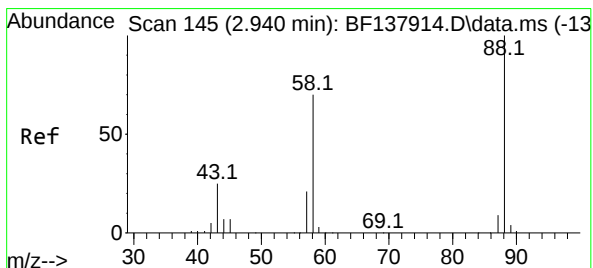
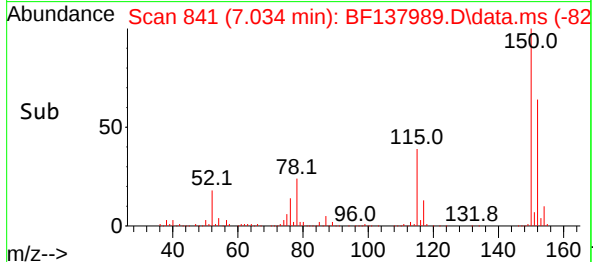
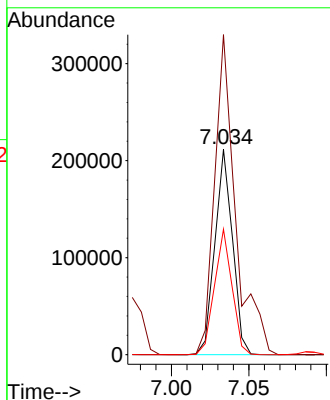
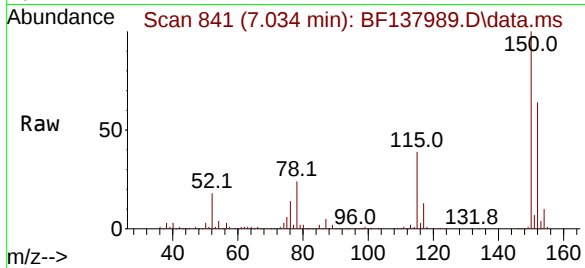




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF137989.D
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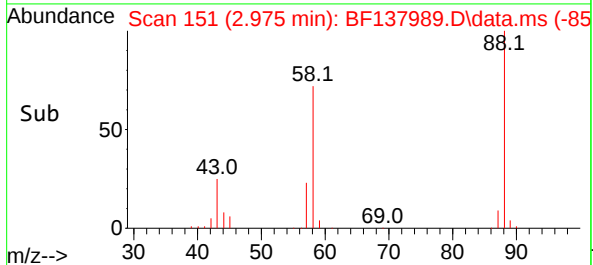
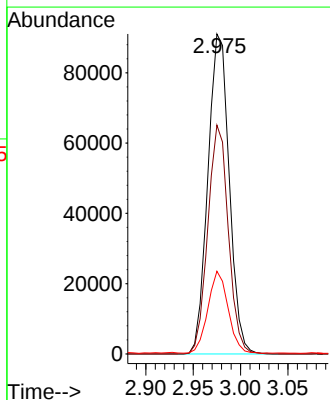
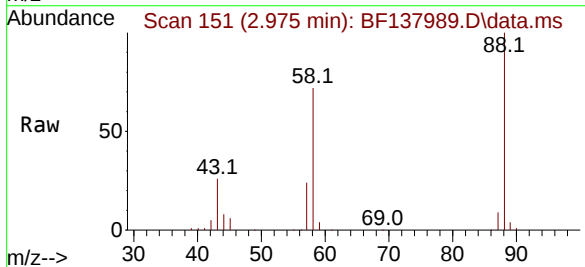
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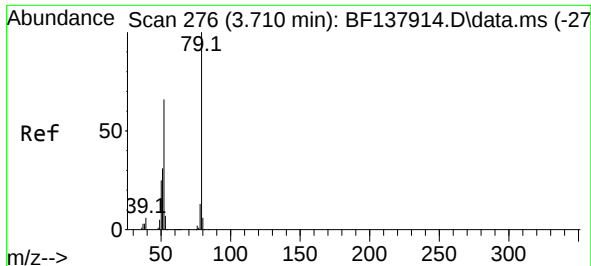
Tgt Ion:152 Resp: 167083
Ion Ratio Lower Upper
152 100
150 155.9 125.7 188.5
115 61.1 47.0 70.6



#2
1,4-Dioxane
Concen: 33.401 ng
RT: 2.975 min Scan# 151
Delta R.T. 0.035 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

Tgt Ion: 88 Resp: 142326
Ion Ratio Lower Upper
88 100
58 68.8 54.4 81.6
43 24.2 19.6 29.4

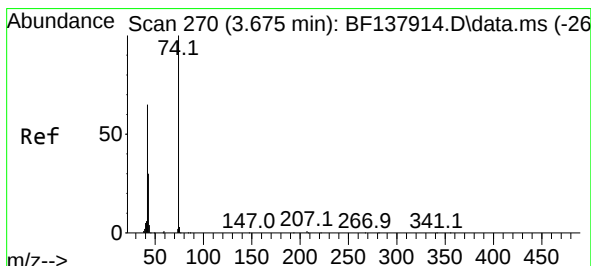
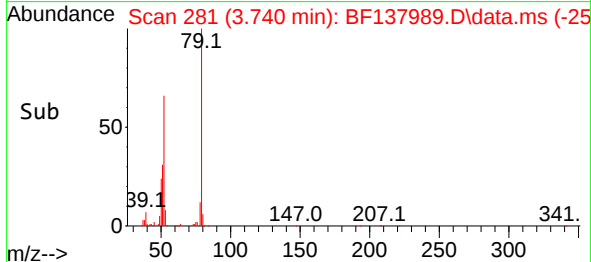
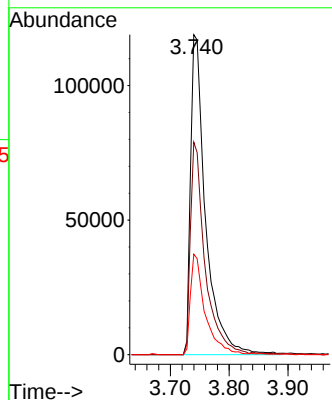
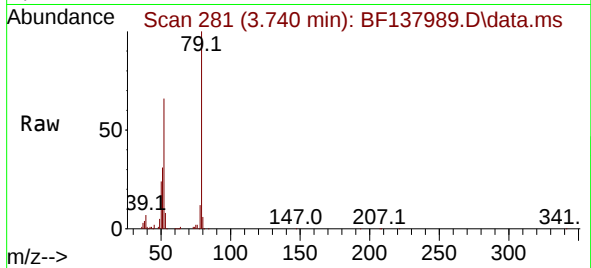




#3
Pyridine
Concen: 22.177 ng
RT: 3.740 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

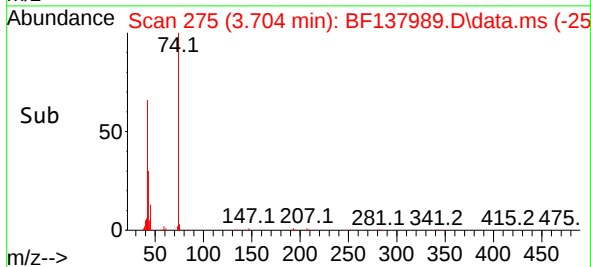
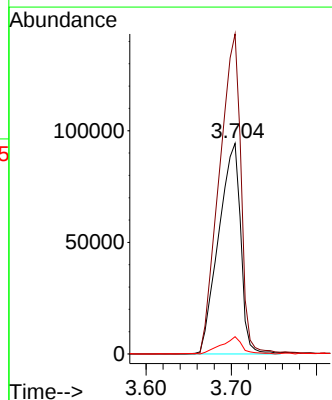
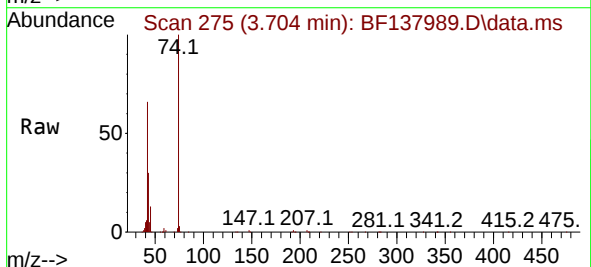
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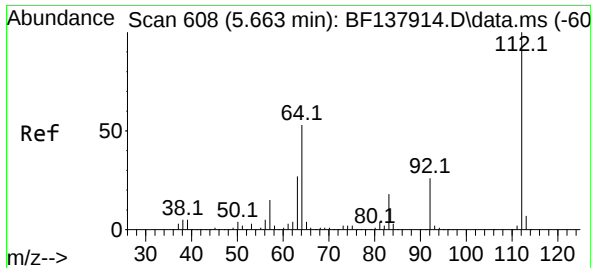
Tgt Ion: 79 Resp: 212041
Ion Ratio Lower Upper
79 100
52 66.4 52.5 78.7
51 31.4 25.1 37.7



#4
n-Nitrosodimethylamine
Concen: 40.232 ng
RT: 3.704 min Scan# 275
Delta R.T. 0.029 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

Tgt Ion: 42 Resp: 169694
Ion Ratio Lower Upper
42 100
74 152.0 123.1 184.7
44 8.2 5.0 7.6#

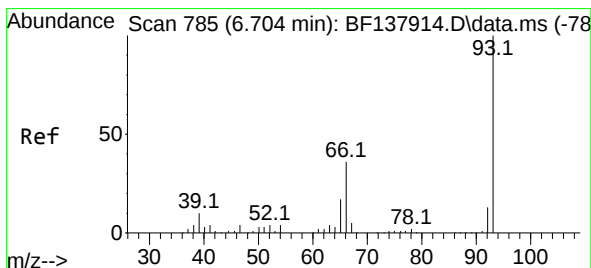
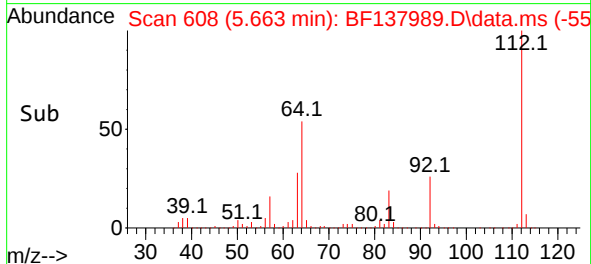
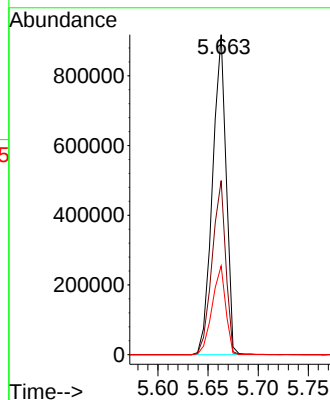
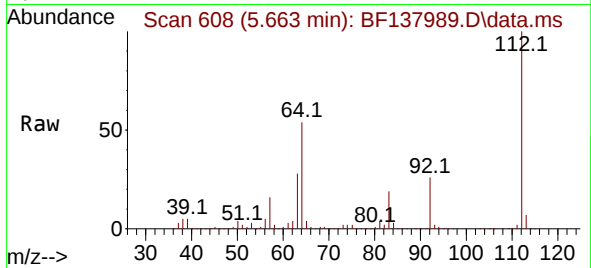




#5
2-Fluorophenol
Concen: 88.456 ng
RT: 5.663 min Scan# 608
Delta R.T. 0.000 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

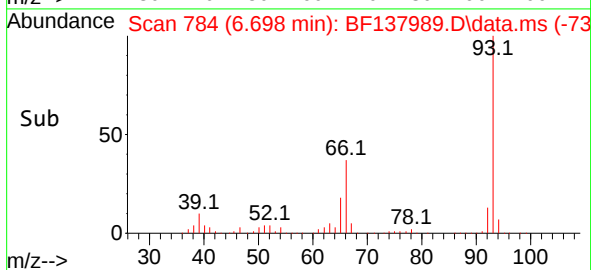
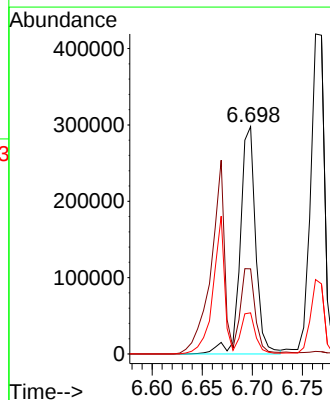
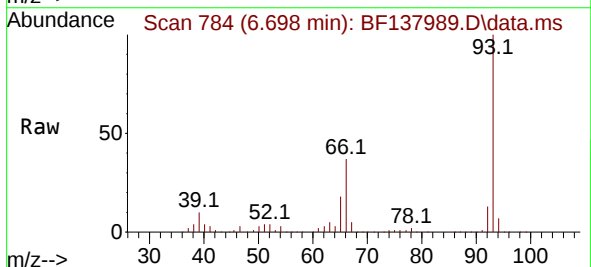
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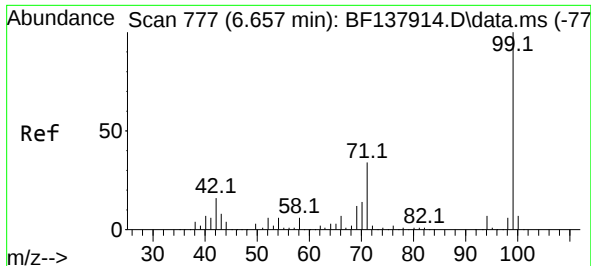
Tgt Ion:112 Resp: 870076
Ion Ratio Lower Upper
112 100
64 54.4 42.4 63.6
63 27.7 21.4 32.2



#6
Aniline
Concen: 29.409 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

Tgt Ion: 93 Resp: 318727
Ion Ratio Lower Upper
93 100
66 37.4 30.7 46.1
65 18.1 15.0 22.4



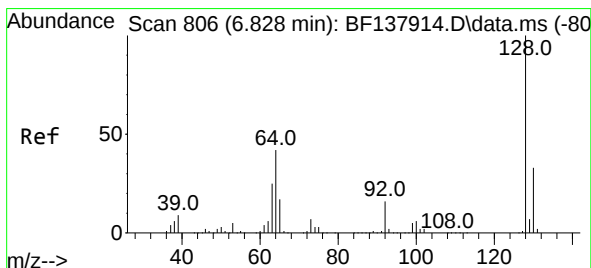
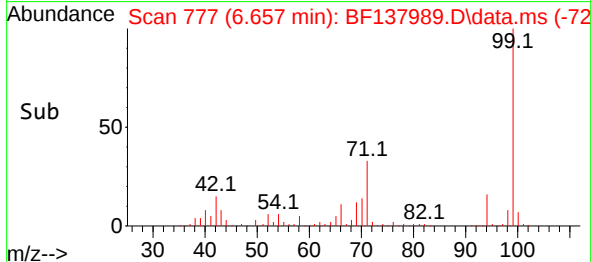
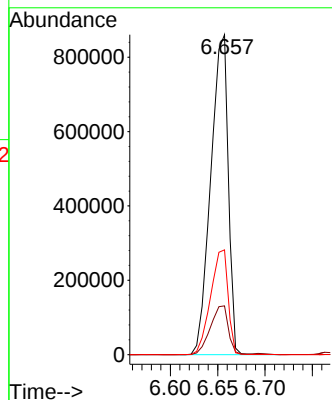
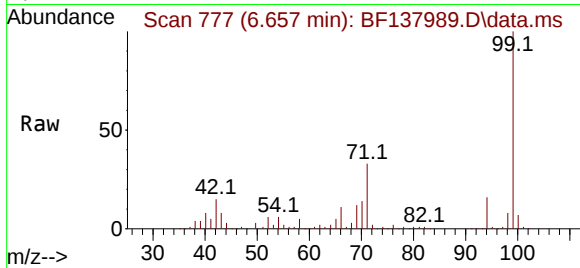


#7
Phenol-d6
Concen: 90.919 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

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ClientSampleId :
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Tgt Ion: 99 Resp: 1101641

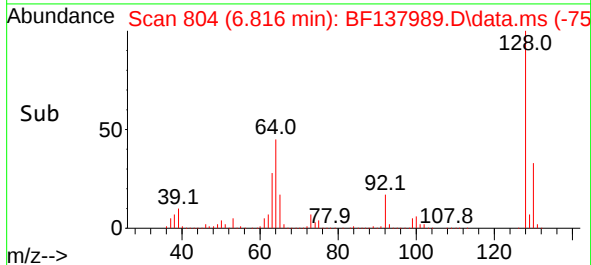
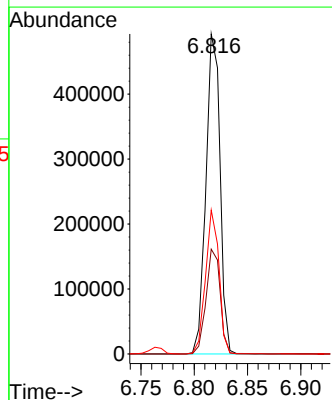
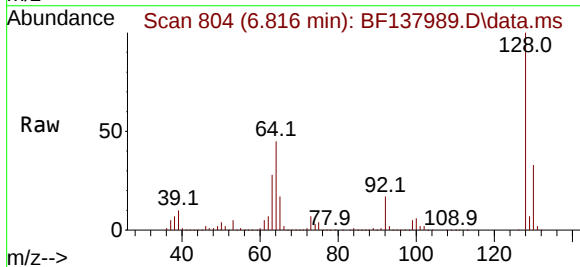
Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.6	18.8
71	32.8	27.1	40.7

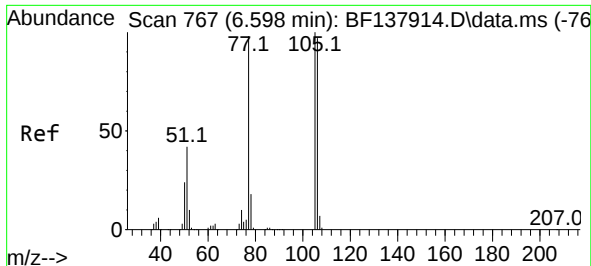


#8
2-Chlorophenol
Concen: 42.892 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.012 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

Tgt Ion:128 Resp: 456577

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.8	52.8
64	44.9	22.2	62.2

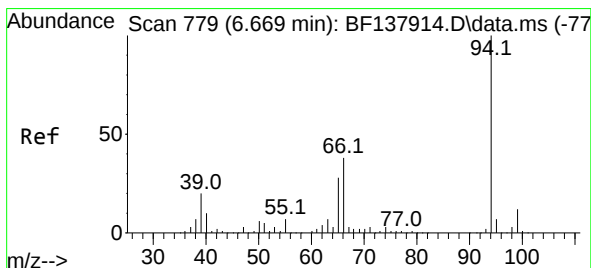
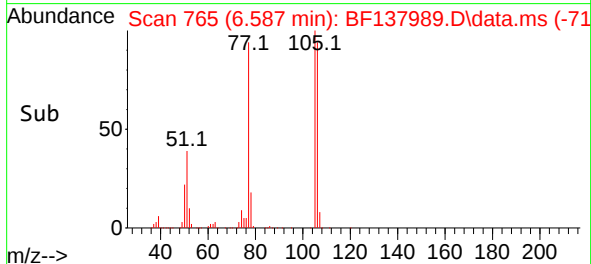
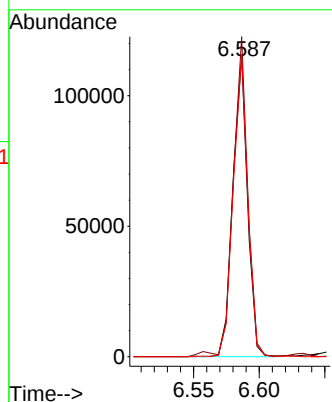
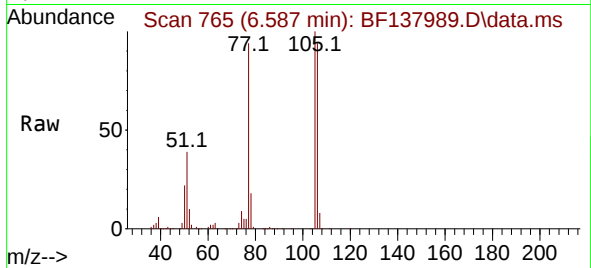




#9
Benzaldehyde
Concen: 13.625 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.011 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

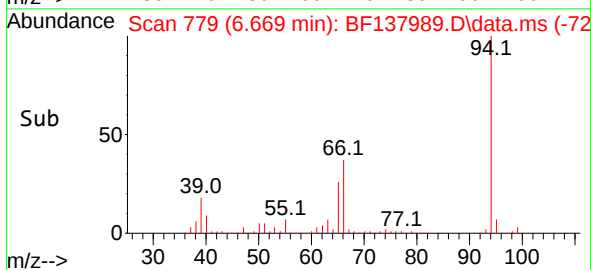
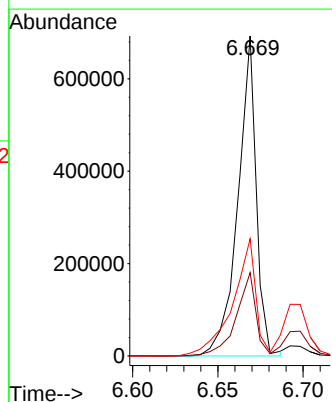
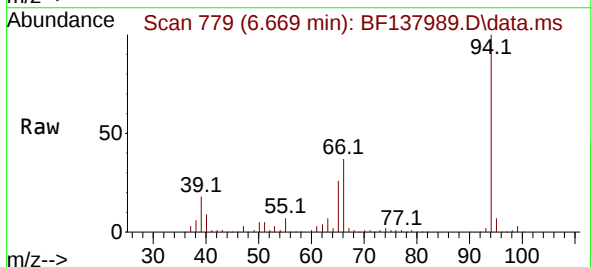
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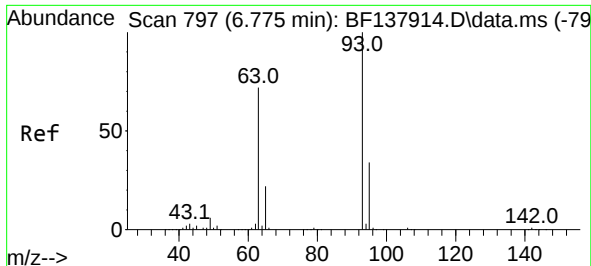
Tgt Ion: 77 Resp: 89317
Ion Ratio Lower Upper
77 100
105 106.3 82.3 122.3
106 100.3 79.2 119.2



#10
Phenol
Concen: 42.325 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

Tgt Ion: 94 Resp: 517638
Ion Ratio Lower Upper
94 100
65 26.1 7.8 47.8
66 36.6 18.6 58.6

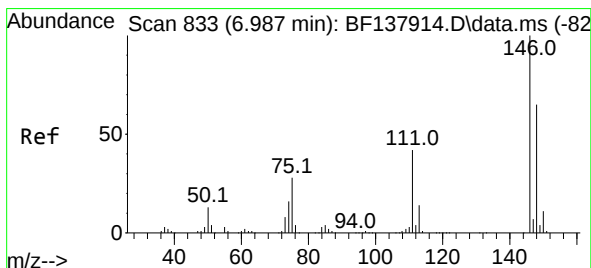
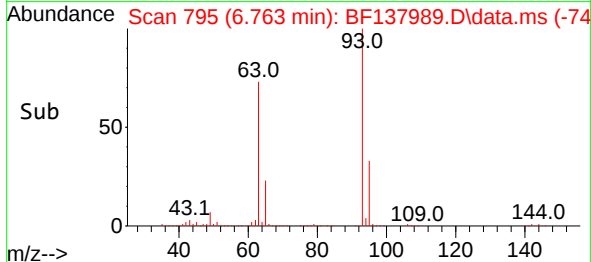
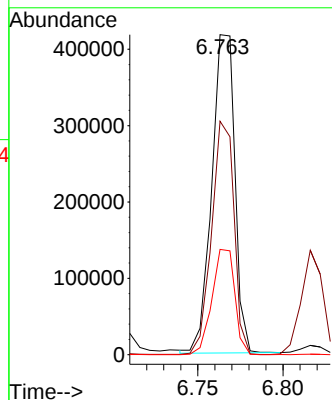
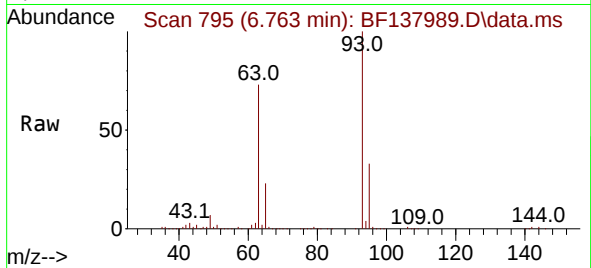




#11
bis(2-Chloroethyl)ether
Concen: 41.926 ng
RT: 6.763 min Scan# 797
Delta R.T. -0.012 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

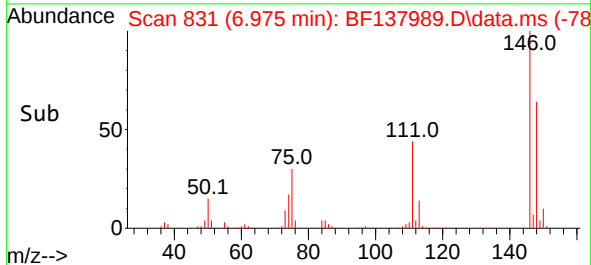
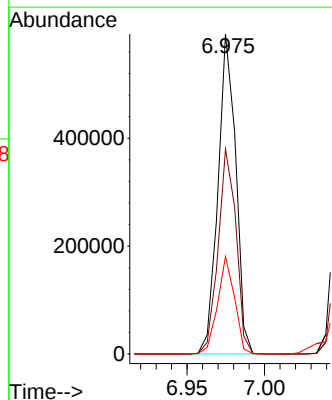
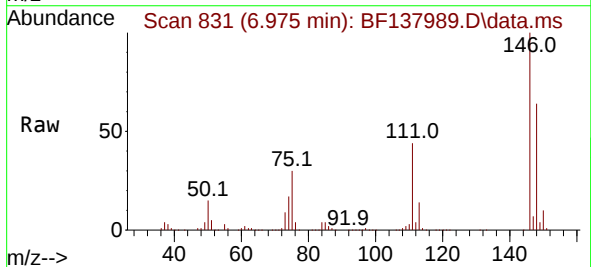
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMS

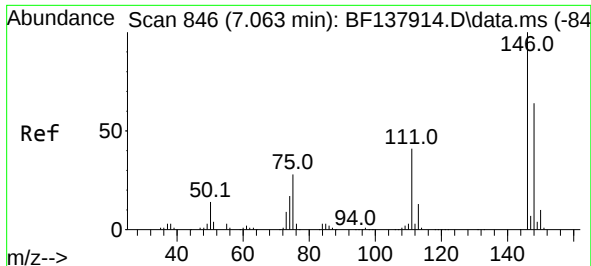
Tgt Ion: 93 Resp: 393706
Ion Ratio Lower Upper
93 100
63 73.0 51.4 91.4
95 32.9 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 38.416 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.012 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

Tgt Ion:146 Resp: 473133
Ion Ratio Lower Upper
146 100
148 64.0 51.7 77.5
75 30.5 22.4 33.6





#13

1,4-Dichlorobenzene

Concen: 38.693 ng

RT: 7.051 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF137989.D

Acq: 21 May 2024 20:46

Instrument :

BNA_F

ClientSampleId :

POLE-SLEEVE-SOILMS

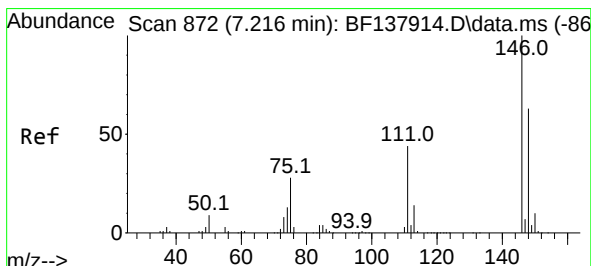
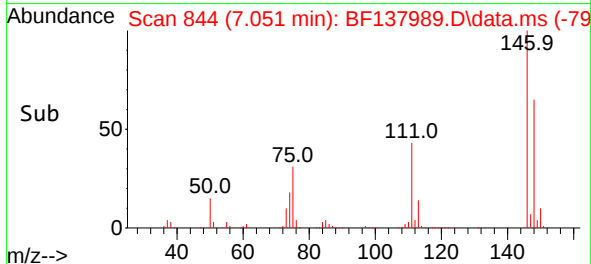
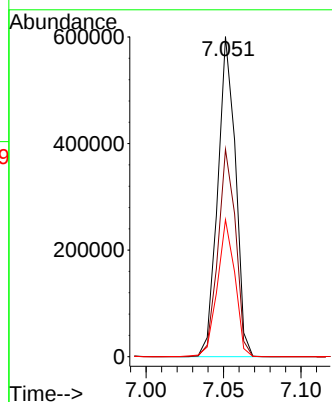
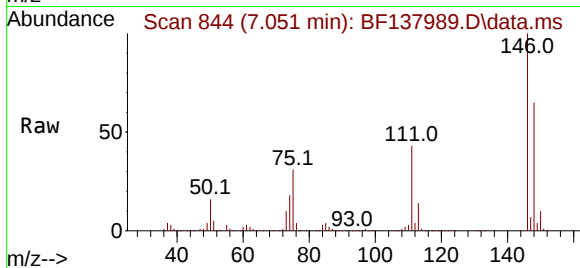
Tgt Ion:146 Resp: 478342

Ion Ratio Lower Upper

146 100

148 64.8 51.0 76.6

111 42.8 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 40.051 ng

RT: 7.204 min Scan# 870

Delta R.T. -0.012 min

Lab File: BF137989.D

Acq: 21 May 2024 20:46

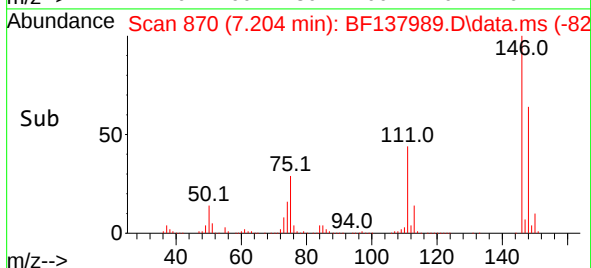
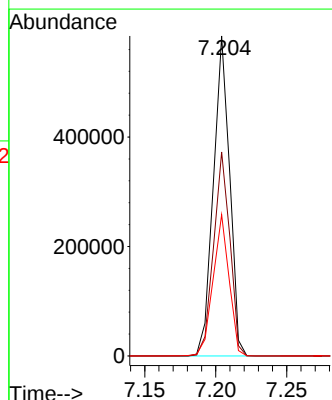
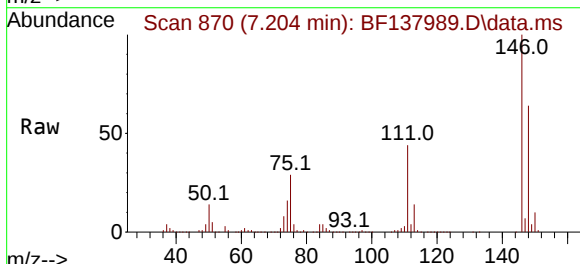
Tgt Ion:146 Resp: 465991

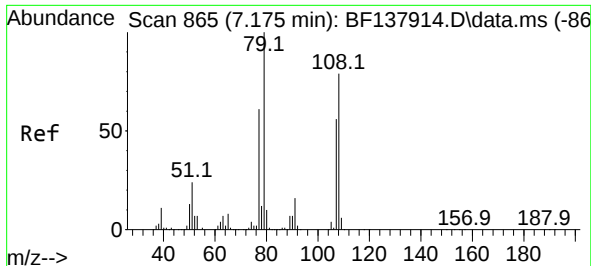
Ion Ratio Lower Upper

146 100

148 63.7 50.2 75.4

111 44.2 35.1 52.7

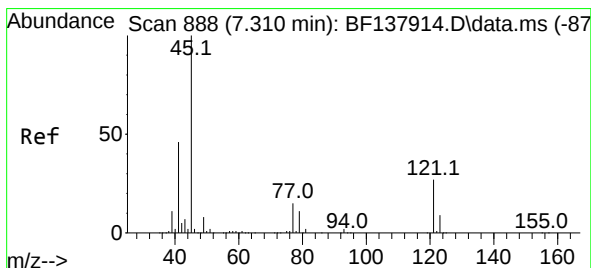
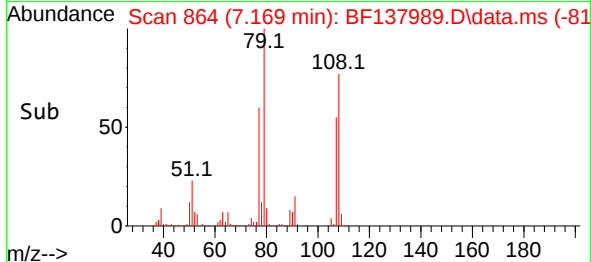
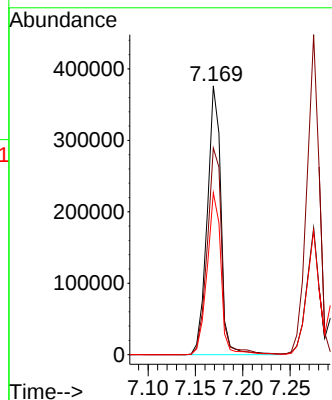
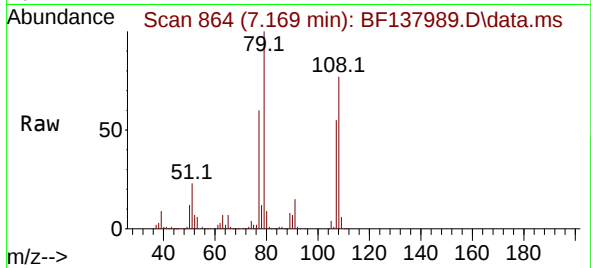




#15
Benzyl Alcohol
Concen: 46.756 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

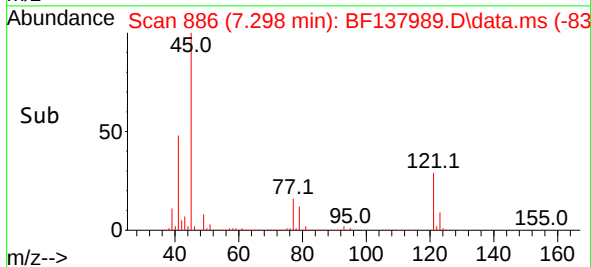
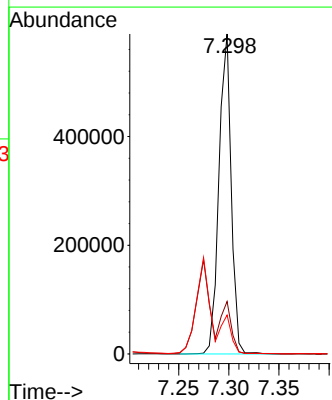
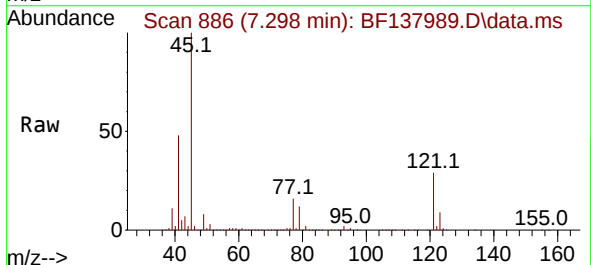
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMS

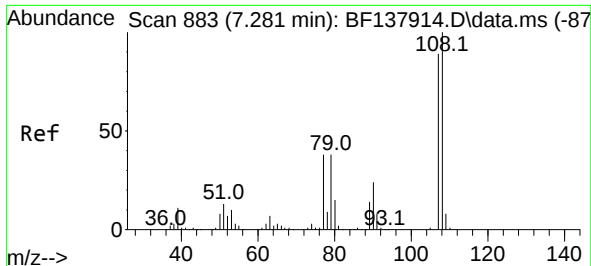
Tgt Ion: 79 Resp: 378300
Ion Ratio Lower Upper
79 100
108 76.9 62.8 94.2
77 60.2 48.7 73.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.050 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

Tgt Ion: 45 Resp: 496928
Ion Ratio Lower Upper
45 100
77 16.4 0.0 35.3
79 12.2 0.0 32.1



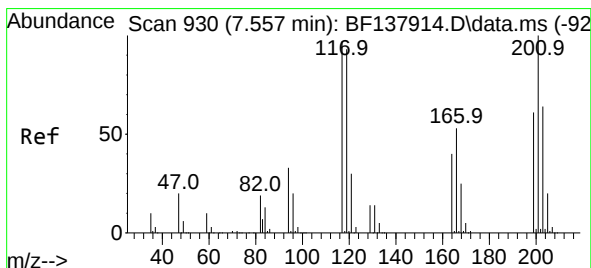
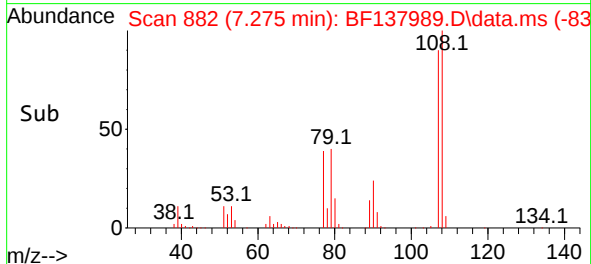
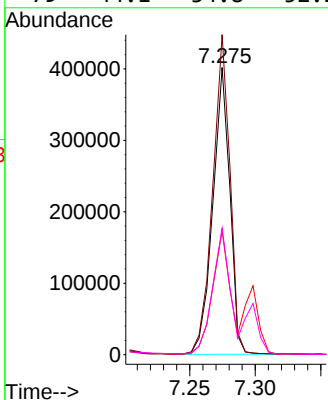
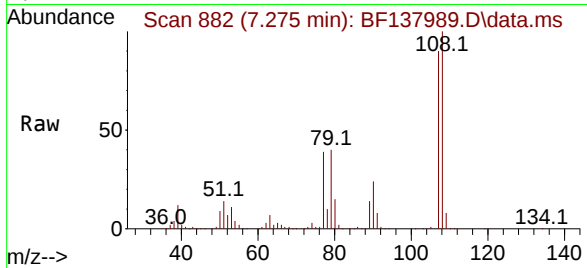


#17
2-Methylphenol
Concen: 42.657 ng
RT: 7.275 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMS

Tgt Ion:107 Resp: 362119

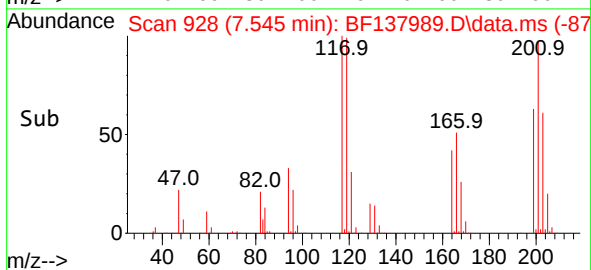
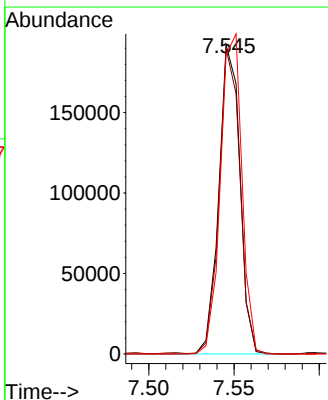
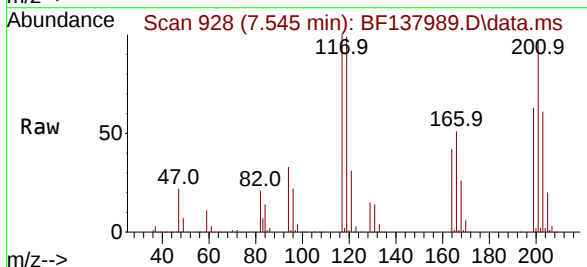
Ion	Ratio	Lower	Upper
107	100		
108	111.4	90.1	135.1
77	43.2	34.3	51.5
79	44.1	34.8	52.2

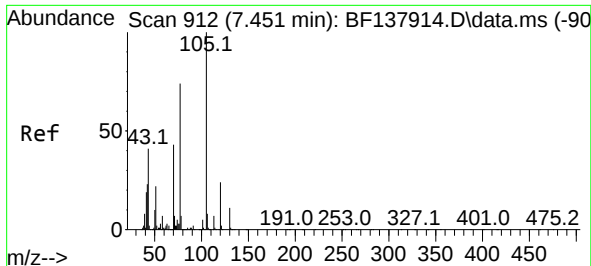


#18
Hexachloroethane
Concen: 39.527 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.012 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

Tgt Ion:117 Resp: 165353

Ion	Ratio	Lower	Upper
117	100		
119	98.8	76.8	115.2
201	96.8	82.7	124.1

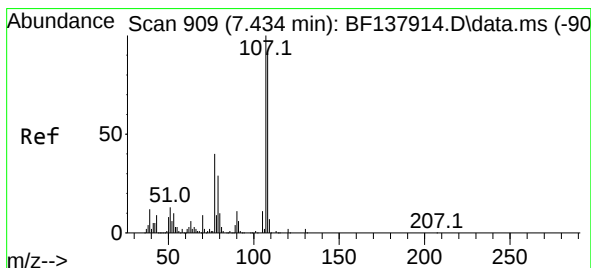
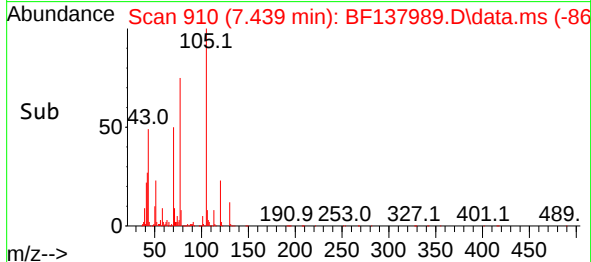
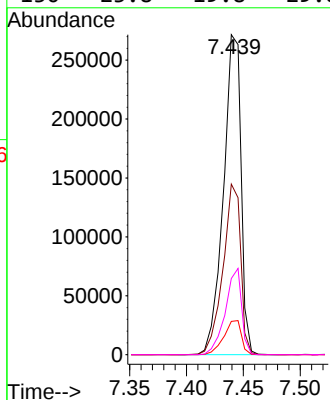
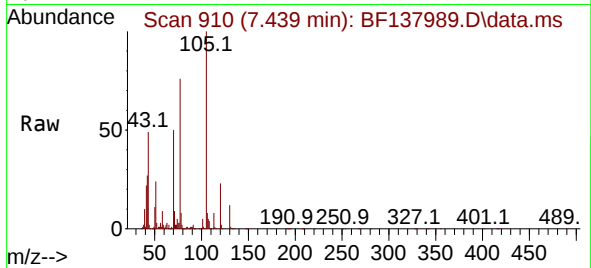




#19
n-Nitroso-di-n-propylamine
Concen: 43.096 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

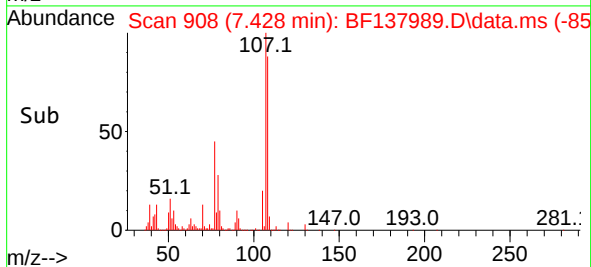
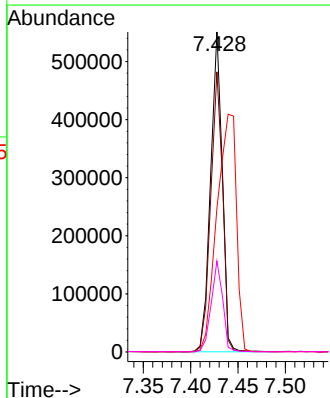
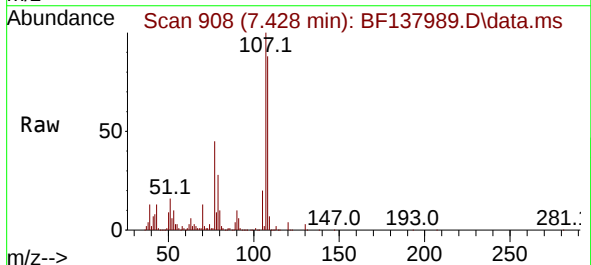
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMS

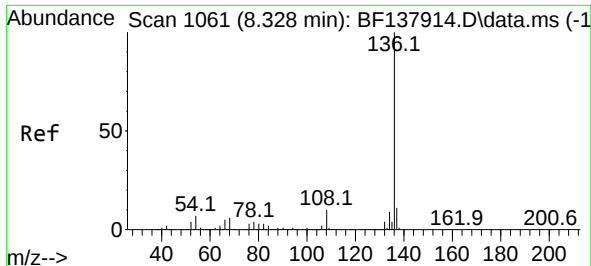
Tgt Ion: 70 Resp: 293373
Ion Ratio Lower Upper
70 100
42 53.3 42.2 63.4
101 10.4 8.8 13.2
130 23.8 19.8 29.8



#20
3+4-Methylphenols
Concen: 42.254 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

Tgt Ion: 107 Resp: 469921
Ion Ratio Lower Upper
107 100
108 87.5 70.8 110.8
77 45.0 20.2 60.2
79 28.4 9.3 49.3



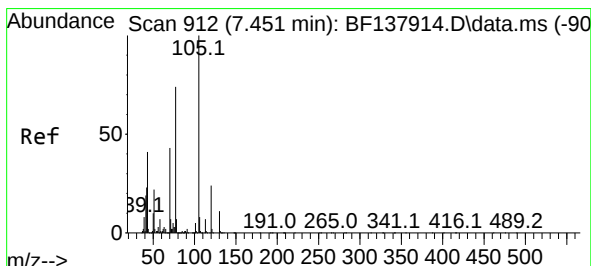
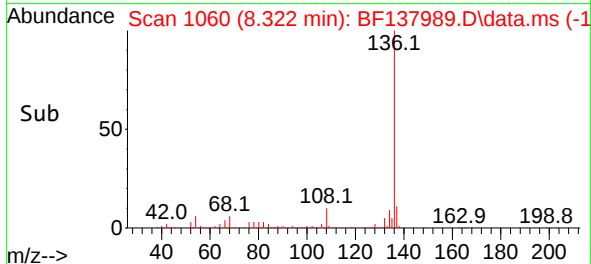
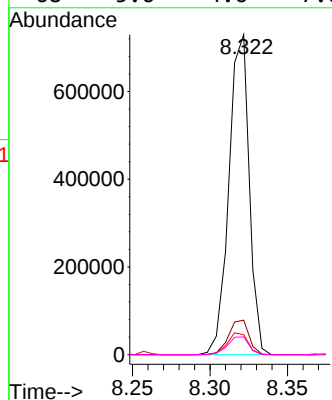
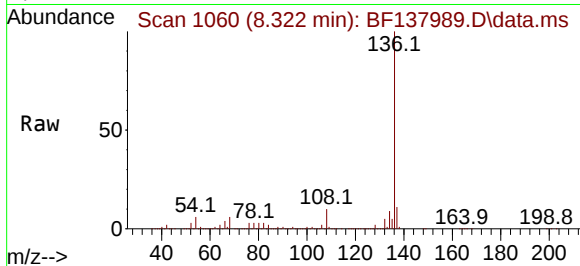


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMS

Tgt Ion:136 Resp: 665481

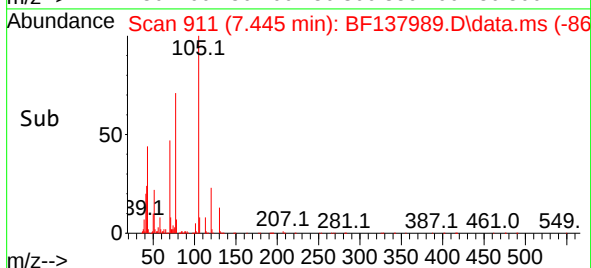
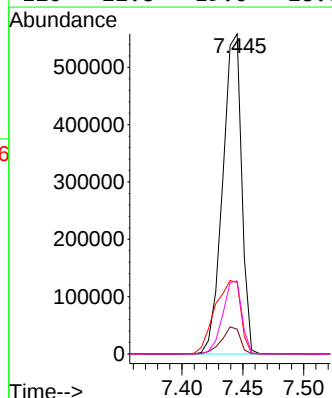
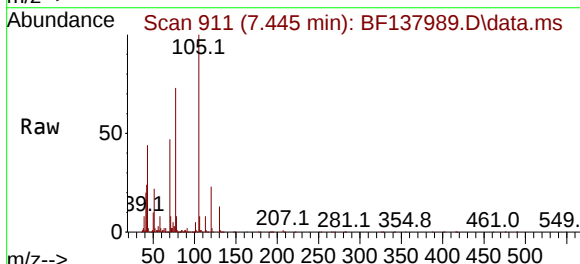
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.2	5.4	8.2
68	5.6	4.6	7.0

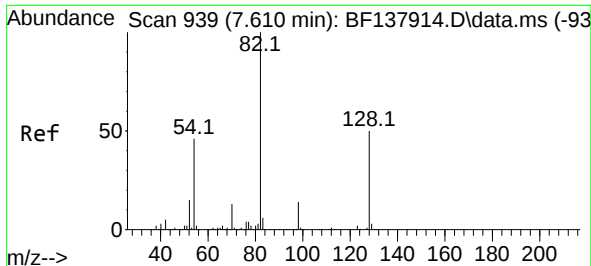


#22
Acetophenone
Concen: 40.566 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

Tgt Ion:105 Resp: 604755

Ion	Ratio	Lower	Upper
105	100		
71	7.7	5.7	8.5
51	22.4	17.8	26.8
120	22.8	19.0	28.6

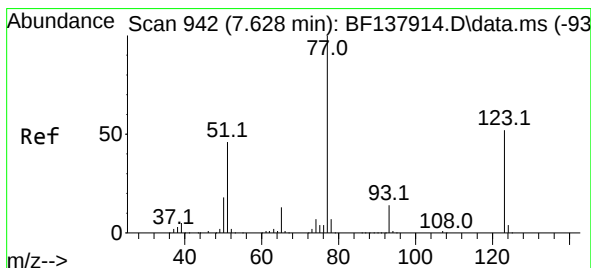
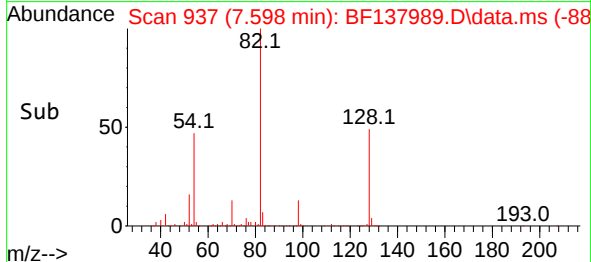
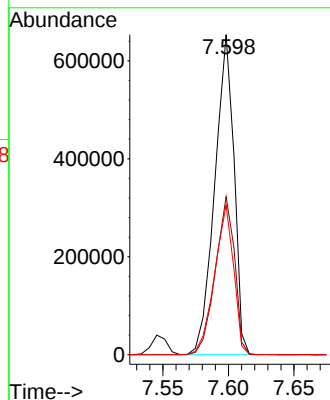
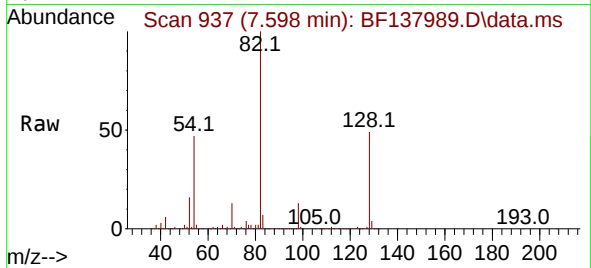




#23
Nitrobenzene-d5
Concen: 58.922 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

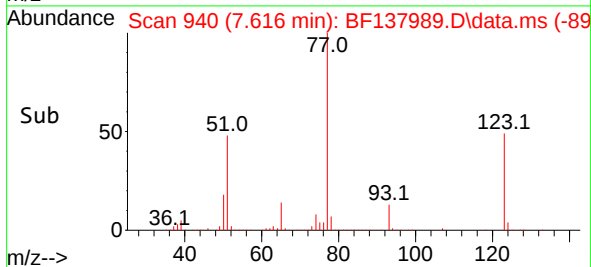
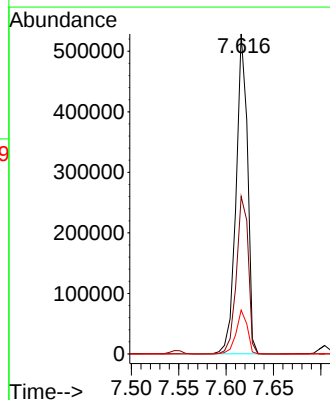
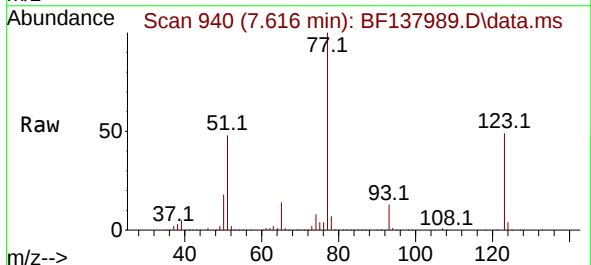
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMS

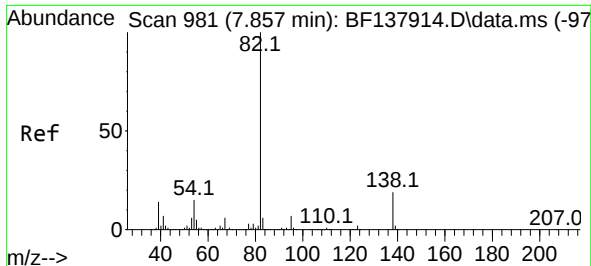
Tgt Ion: 82 Resp: 666285
Ion Ratio Lower Upper
82 100
128 49.3 40.3 60.5
54 46.7 36.8 55.2



#24
Nitrobenzene
Concen: 38.661 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

Tgt Ion: 77 Resp: 443499
Ion Ratio Lower Upper
77 100
123 49.2 41.4 62.2
65 13.7 10.5 15.7

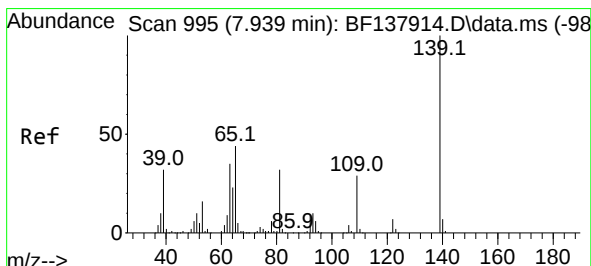
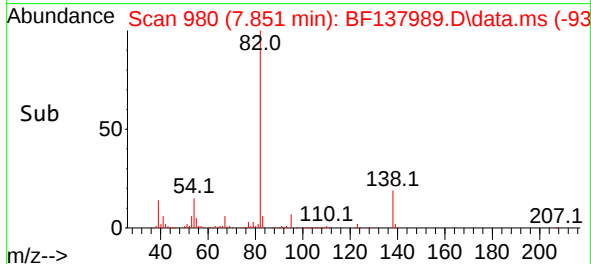
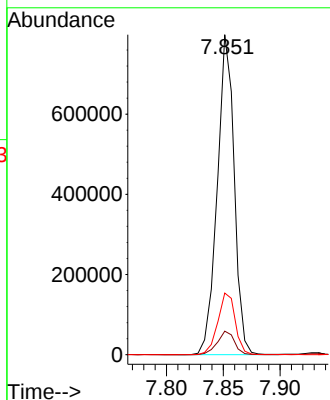
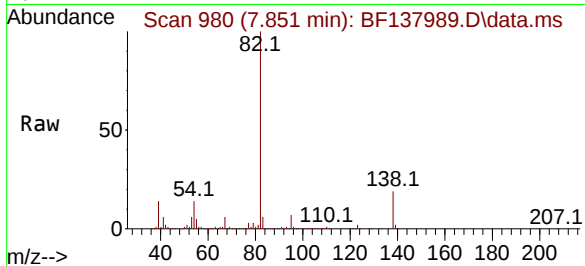




#25
Isophorone
Concen: 42.324 ng
RT: 7.851 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

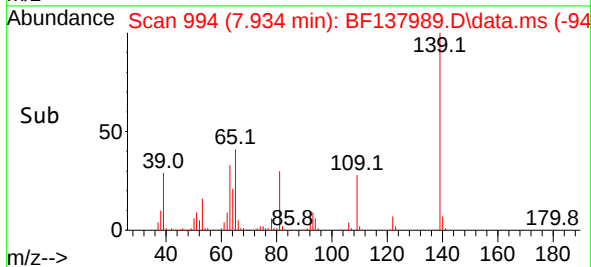
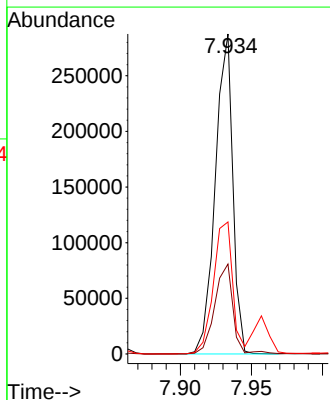
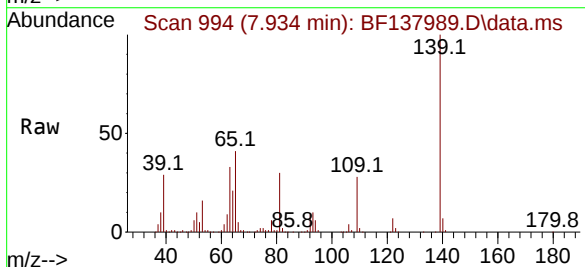
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMS

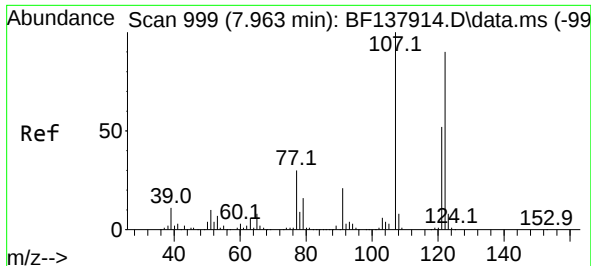
Tgt Ion: 82 Resp: 830631
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 19.2 15.0 22.4



#26
2-Nitrophenol
Concen: 42.684 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

Tgt Ion:139 Resp: 246033
Ion Ratio Lower Upper
139 100
109 28.1 22.8 34.2
65 41.3 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 46.139 ng

RT: 7.957 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF137989.D

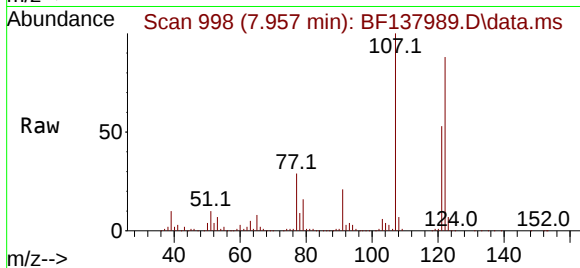
Acq: 21 May 2024 20:46

Instrument :

BNA_F

ClientSampleId :

POLE-SLEEVE-SOILMS



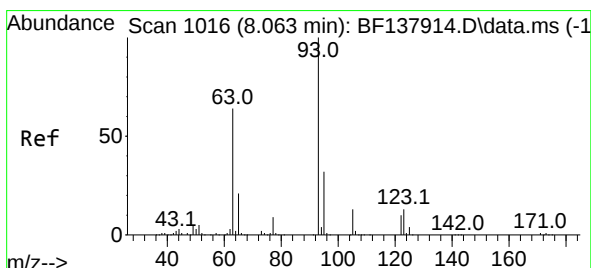
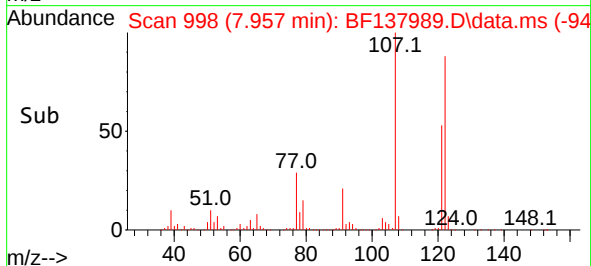
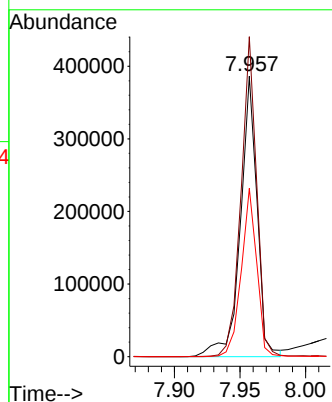
Tgt Ion:122 Resp: 342405

Ion Ratio Lower Upper

122 100

107 114.1 89.0 133.4

121 60.0 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 42.261 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF137989.D

Acq: 21 May 2024 20:46

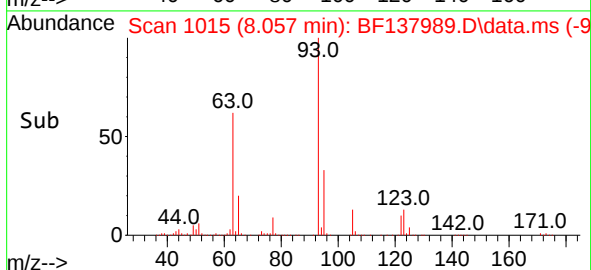
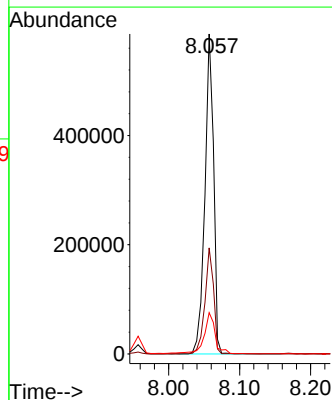
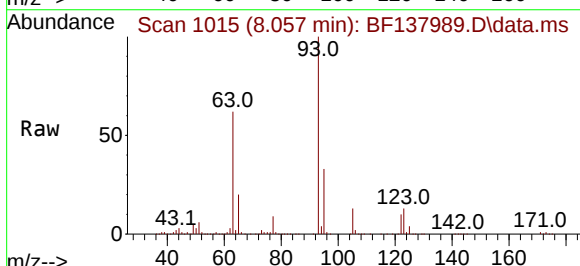
Tgt Ion: 93 Resp: 502680

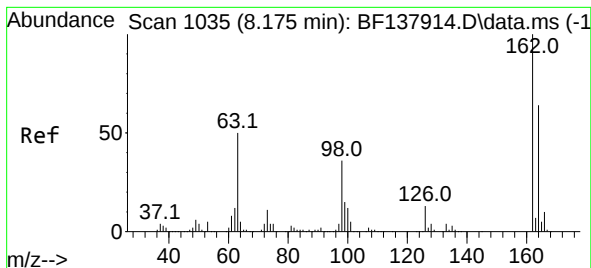
Ion Ratio Lower Upper

93 100

95 33.2 25.9 38.9

123 12.9 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 42.435 ng

RT: 8.169 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BF137989.D

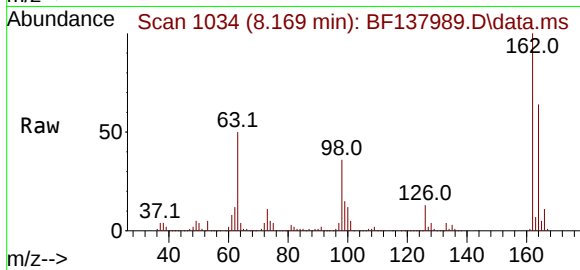
Acq: 21 May 2024 20:46

Instrument :

BNA_F

ClientSampleId :

POLE-SLEEVE-SOILMS



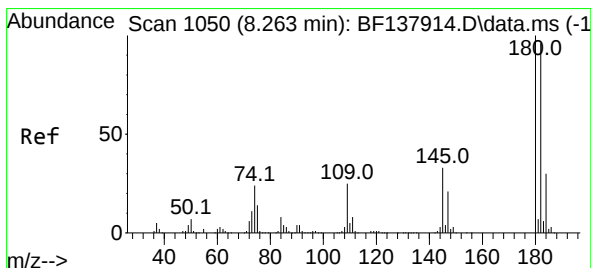
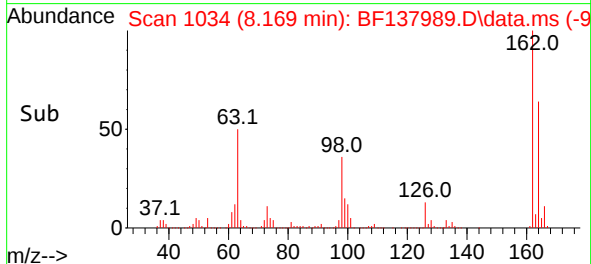
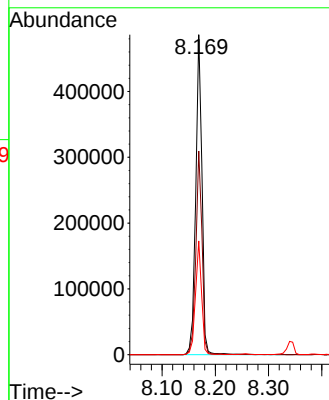
Tgt Ion:162 Resp: 396008

Ion Ratio Lower Upper

162 100

164 63.7 44.3 84.3

98 35.5 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 39.658 ng

RT: 8.257 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BF137989.D

Acq: 21 May 2024 20:46

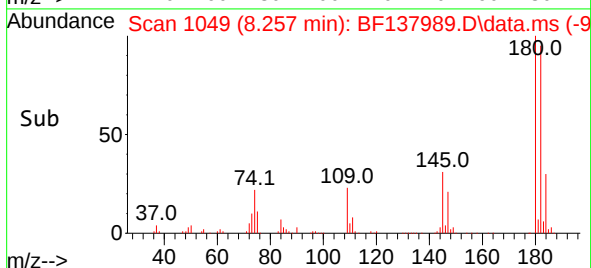
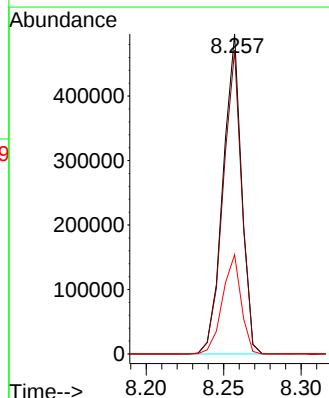
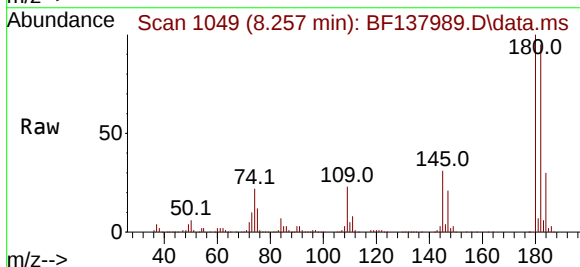
Tgt Ion:180 Resp: 413212

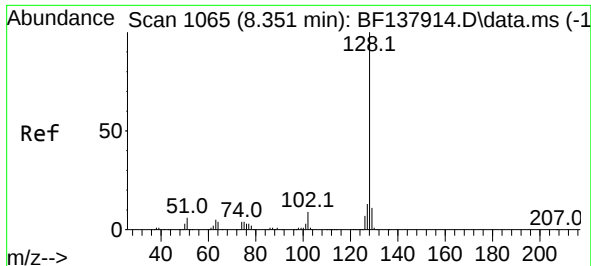
Ion Ratio Lower Upper

180 100

182 94.9 76.5 114.7

145 31.0 26.2 39.2

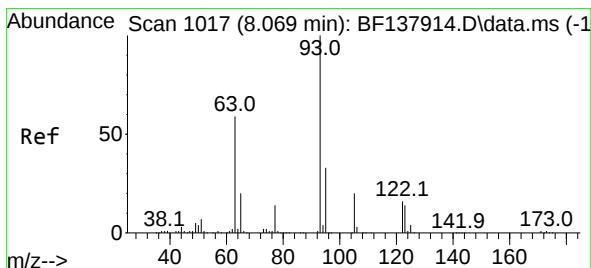
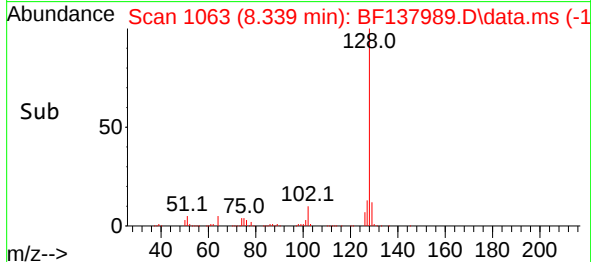
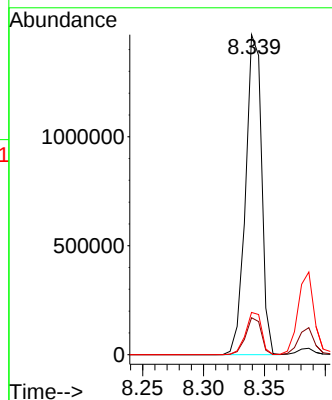
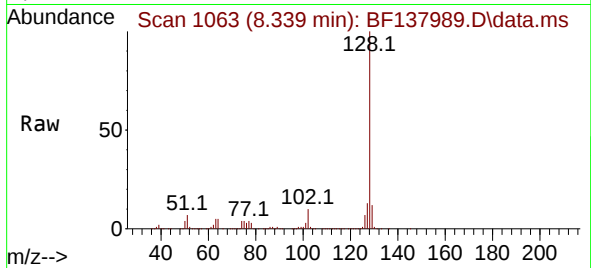




#31
Naphthalene
Concen: 40.201 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.012 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

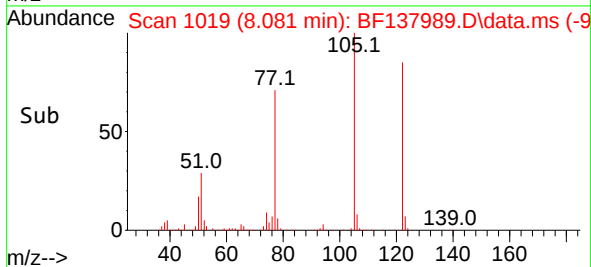
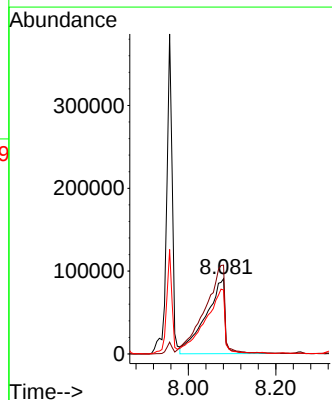
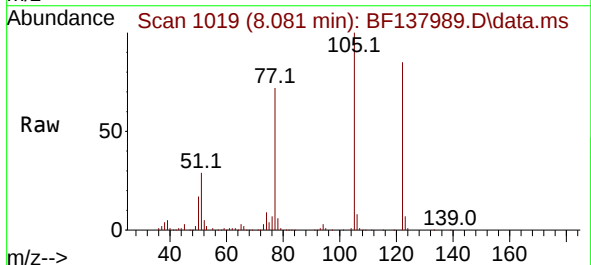
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMS

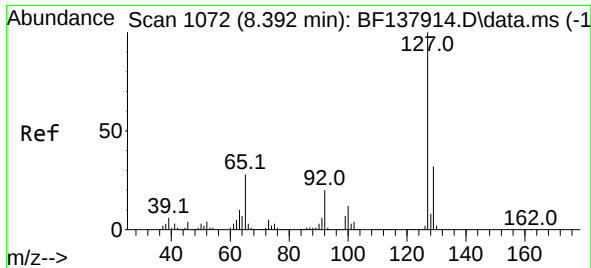
Tgt Ion:128 Resp: 1345163
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 44.718 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.012 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

Tgt Ion:122 Resp: 280529
Ion Ratio Lower Upper
122 100
105 118.0 103.8 143.8
77 85.0 68.4 108.4

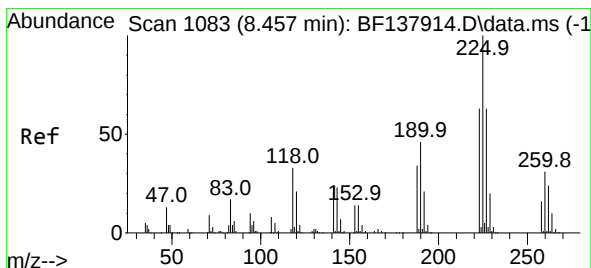
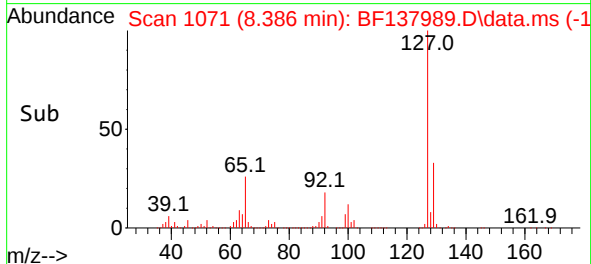
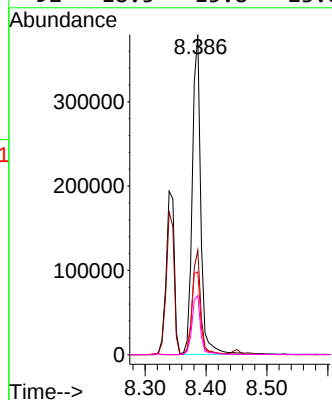
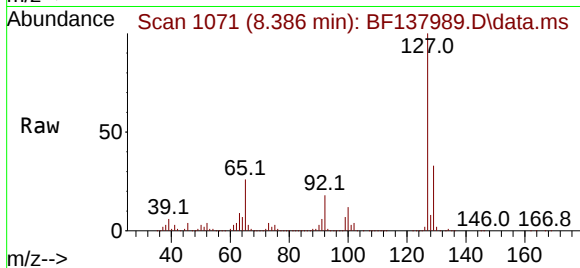




#33
4-Chloroaniline
Concen: 33.489 ng
RT: 8.386 min Scan# 1071
Delta R.T. -0.006 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

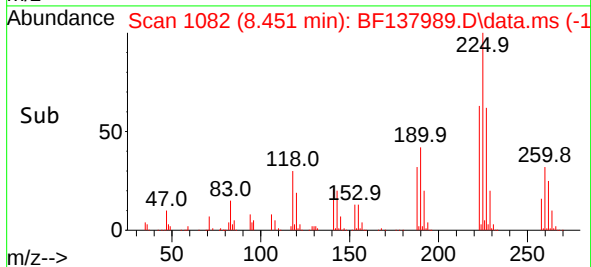
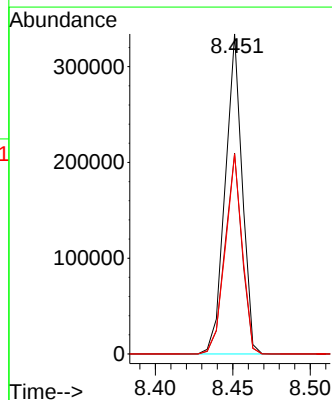
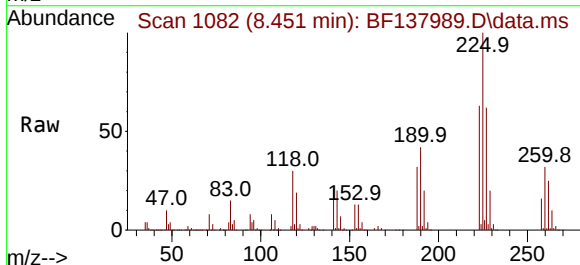
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMS

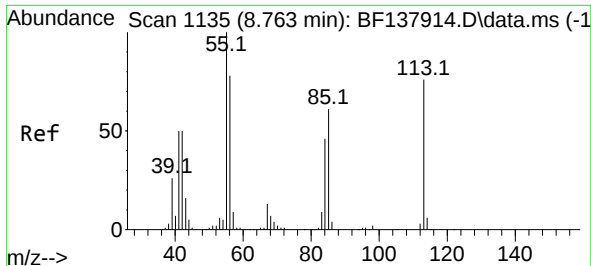
Tgt Ion:	127	Resp:	367345
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.4	38.2
65	25.9	22.0	33.0
92	18.5	15.8	23.8



#34
Hexachlorobutadiene
Concen: 38.505 ng
RT: 8.451 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

Tgt Ion:	225	Resp:	253946
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.0	75.0
227	62.4	50.2	75.4

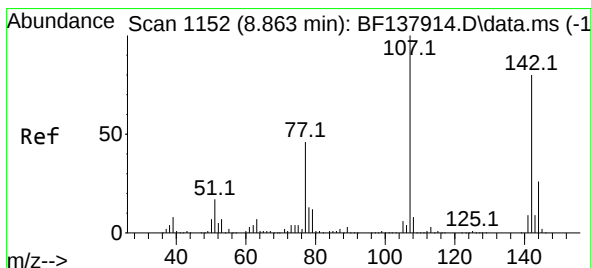
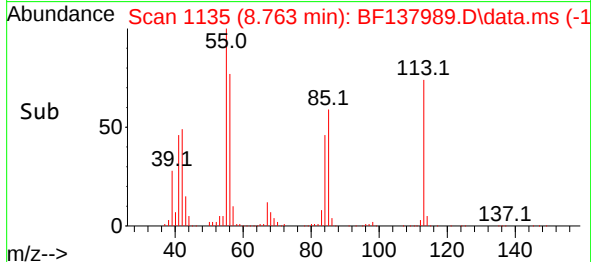
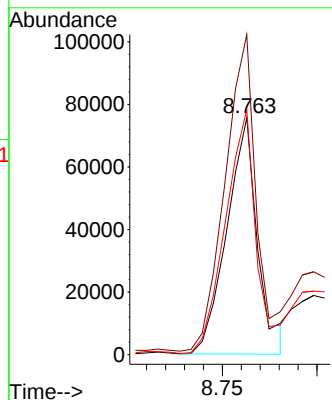
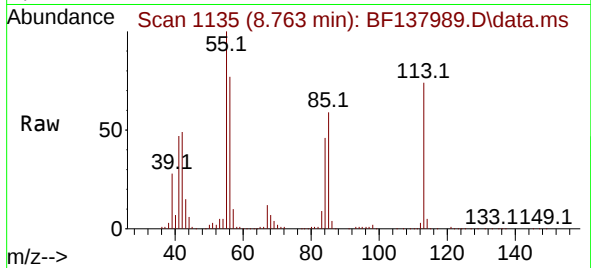




#35
 Caprolactam
 Concen: 31.279 ng
 RT: 8.763 min Scan# 1135
 Delta R.T. 0.000 min
 Lab File: BF137989.D
 Acq: 21 May 2024 20:46

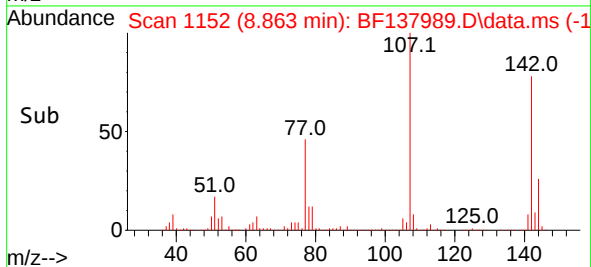
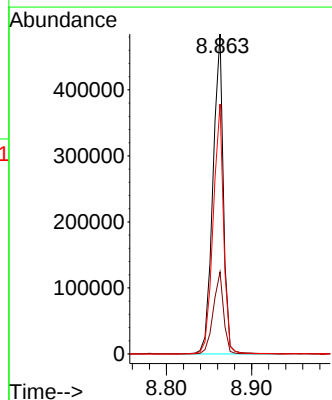
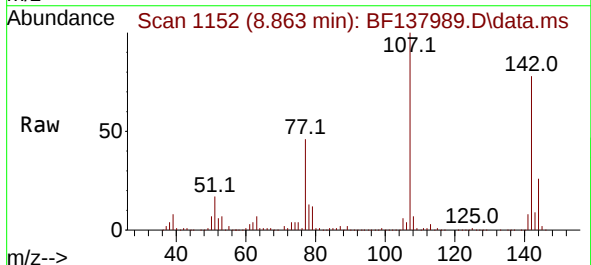
Instrument :
 BNA_F
 ClientSampleId :
 POLE-SLEEVE-SOILMS

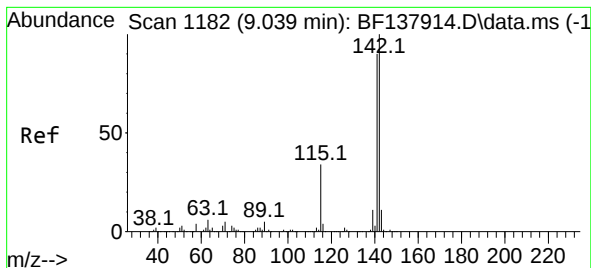
Tgt Ion:113 Resp: 84567
 Ion Ratio Lower Upper
 113 100
 55 135.2 112.3 152.3
 56 103.5 82.7 122.7



#36
 4-Chloro-3-methylphenol
 Concen: 43.490 ng
 RT: 8.863 min Scan# 1152
 Delta R.T. 0.000 min
 Lab File: BF137989.D
 Acq: 21 May 2024 20:46

Tgt Ion:107 Resp: 412857
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.7 31.1
 142 78.1 64.0 96.0





#37

2-Methylnaphthalene

Concen: 41.635 ng

RT: 9.033 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF137989.D

Acq: 21 May 2024 20:46

Instrument :

BNA_F

ClientSampleId :

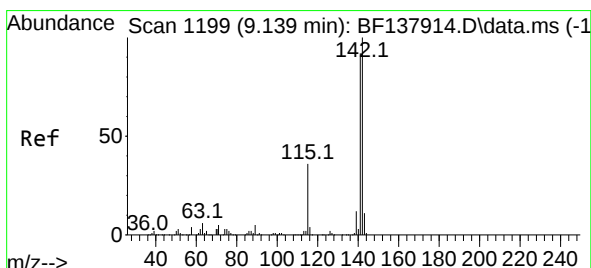
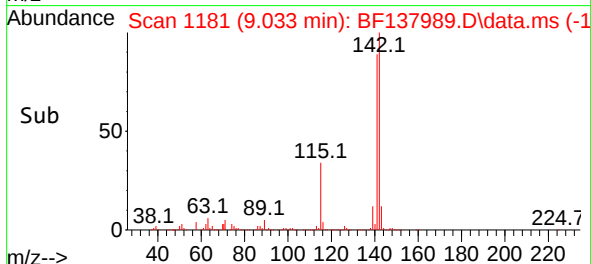
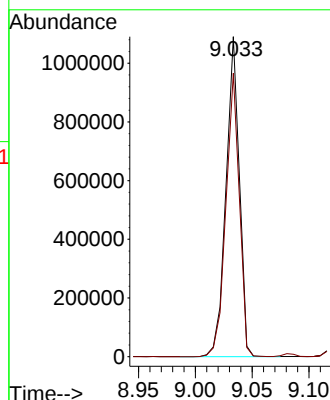
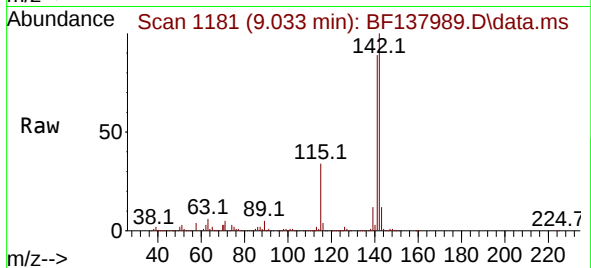
POLE-SLEEVE-SOILMS

Tgt Ion:142 Resp: 895495

Ion Ratio Lower Upper

142 100

141 88.6 72.0 108.0



#38

1-Methylnaphthalene

Concen: 39.398 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF137989.D

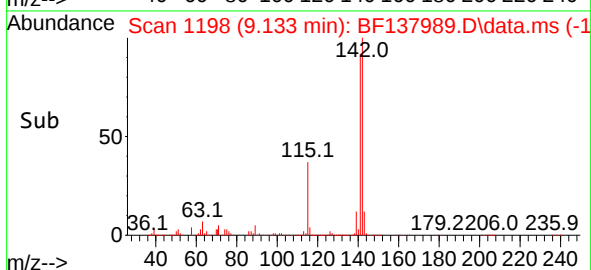
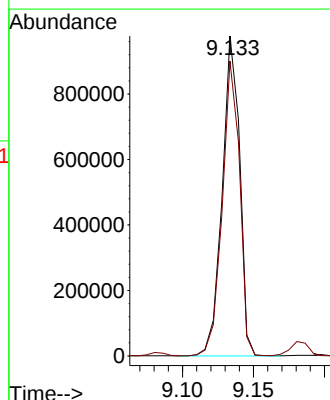
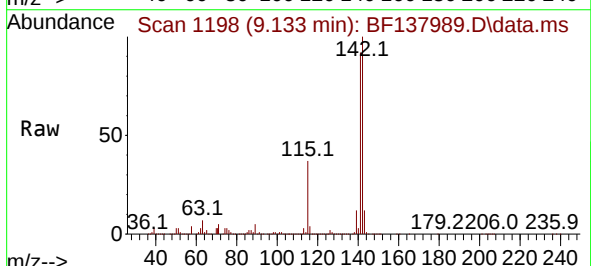
Acq: 21 May 2024 20:46

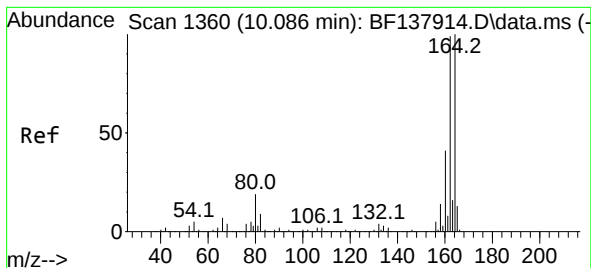
Tgt Ion:142 Resp: 833062

Ion Ratio Lower Upper

142 100

141 92.2 73.7 110.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.086 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137989.D

Acq: 21 May 2024 20:46

Instrument :

BNA_F

ClientSampleId :

POLE-SLEEVE-SOILMS

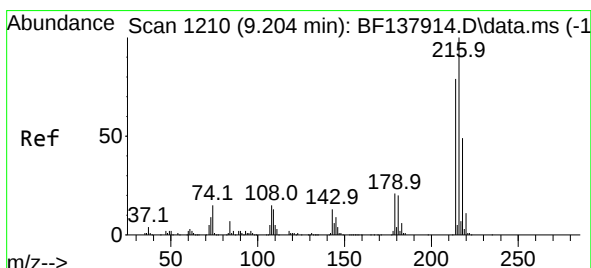
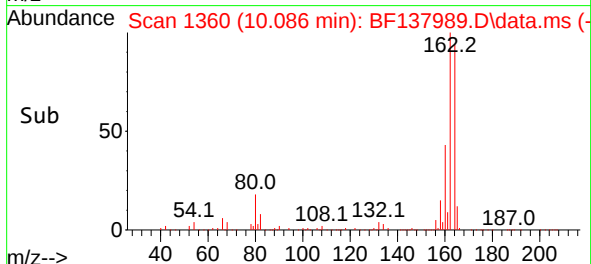
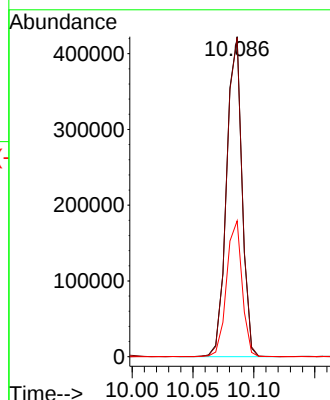
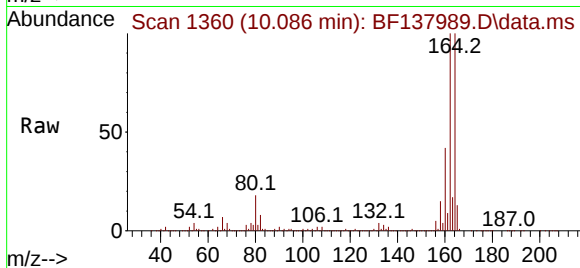
Tgt Ion:164 Resp: 372214

Ion Ratio Lower Upper

164 100

162 99.8 79.4 119.2

160 42.4 33.1 49.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.800 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF137989.D

Acq: 21 May 2024 20:46

Tgt Ion:216 Resp: 422981

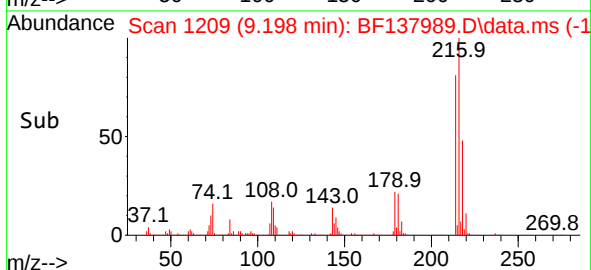
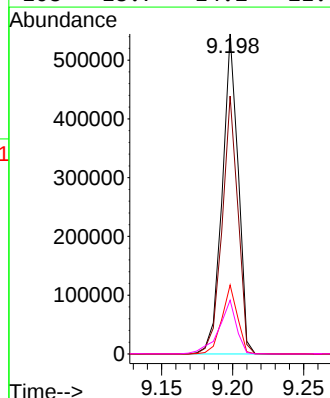
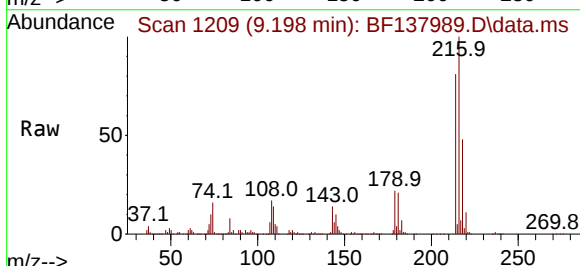
Ion Ratio Lower Upper

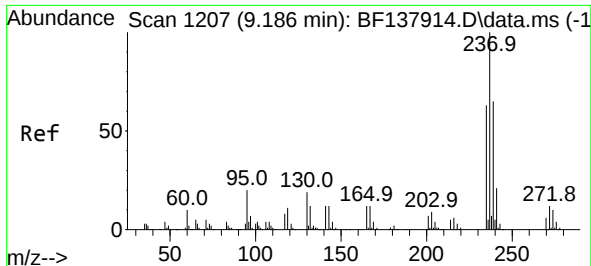
216 100

214 79.5 63.4 95.2

179 21.2 17.0 25.4

108 18.7 14.2 21.4

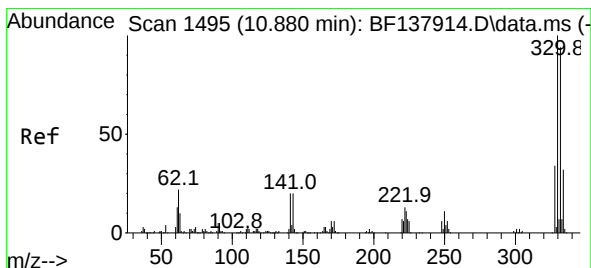
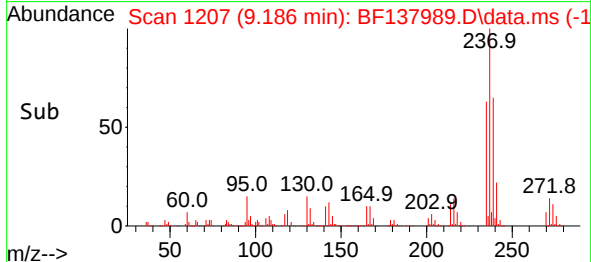
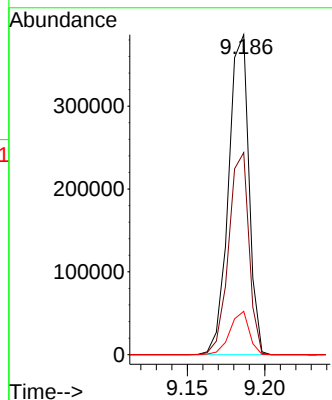
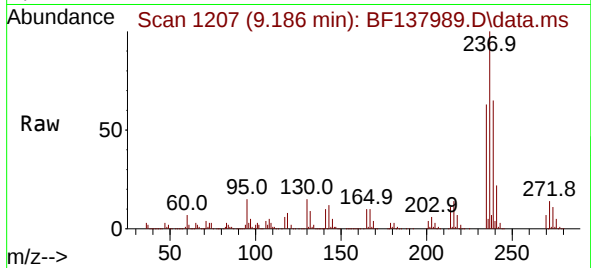




#41
Hexachlorocyclopentadiene
Concen: 91.994 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

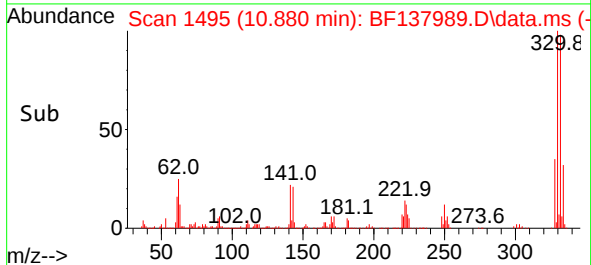
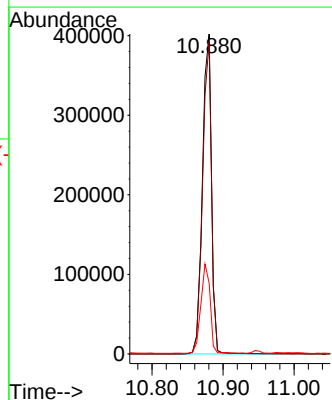
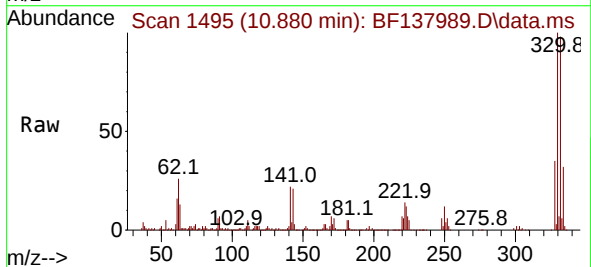
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMS

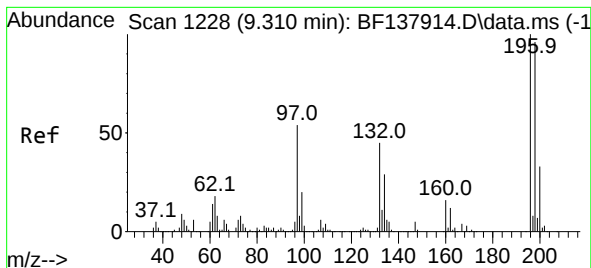
Tgt Ion:237 Resp: 353715
Ion Ratio Lower Upper
237 100
235 63.1 42.8 82.8
272 13.6 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 95.255 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

Tgt Ion:330 Resp: 357494
Ion Ratio Lower Upper
330 100
332 96.1 75.8 113.8
141 28.7 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 44.506 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF137989.D

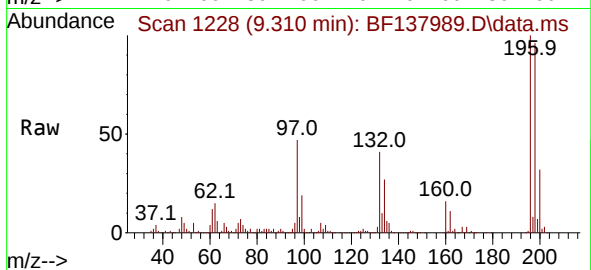
Acq: 21 May 2024 20:46

Instrument :

BNA_F

ClientSampleId :

POLE-SLEEVE-SOILMS



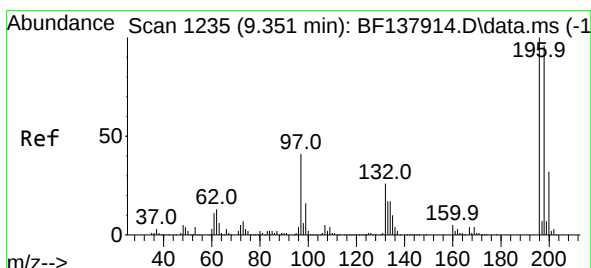
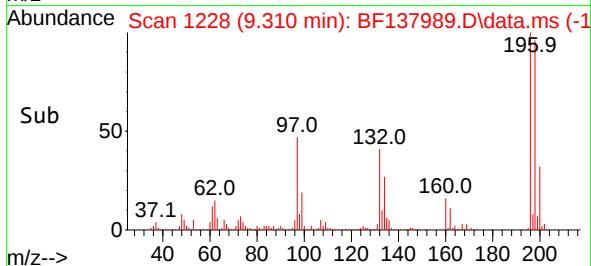
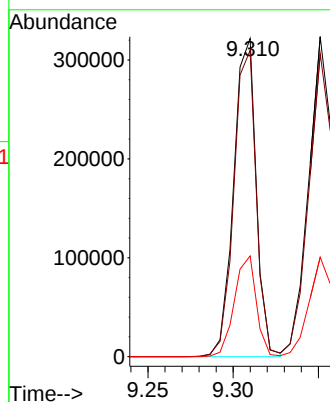
Tgt Ion:196 Resp: 295286

Ion Ratio Lower Upper

196 100

198 96.3 77.0 115.4

200 31.7 26.2 39.2



#44

2,4,5-Trichlorophenol

Concen: 43.190 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF137989.D

Acq: 21 May 2024 20:46

Tgt Ion:196 Resp: 313541

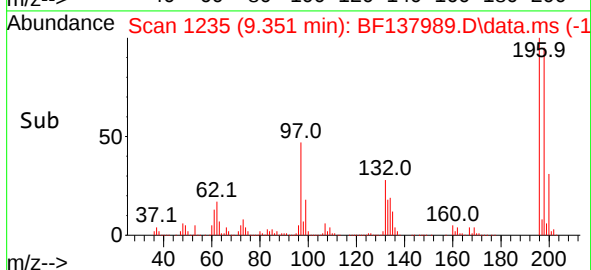
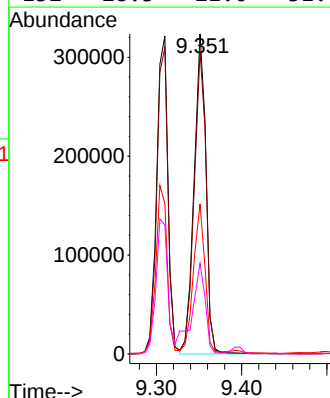
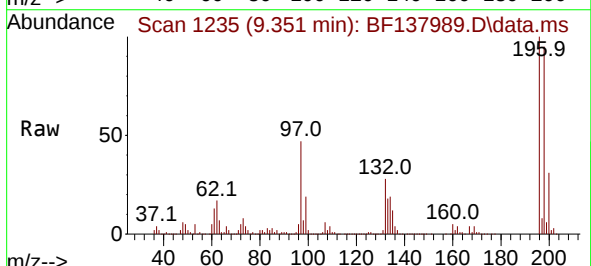
Ion Ratio Lower Upper

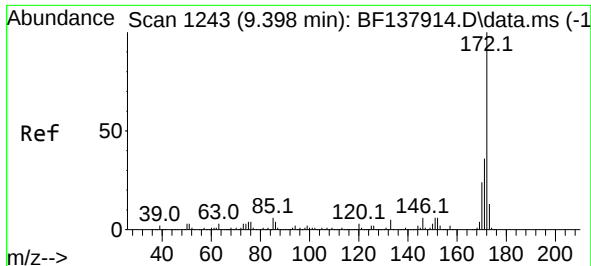
196 100

198 94.6 77.4 116.0

97 46.9 32.9 49.3

132 28.3 21.0 31.6





#45

2-Fluorobiphenyl

Concen: 56.991 ng

RT: 9.398 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137989.D

Acq: 21 May 2024 20:46

Instrument :

BNA_F

ClientSampleId :

POLE-SLEEVE-SOILMS

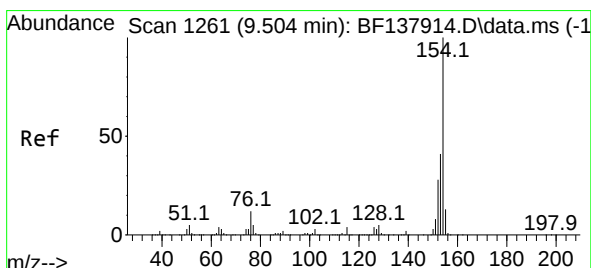
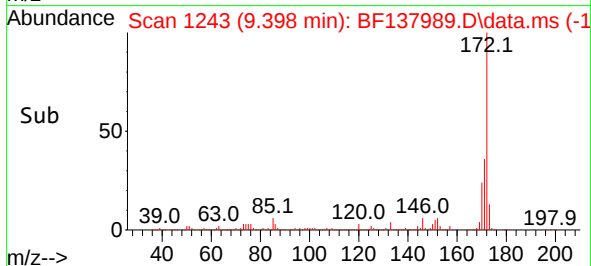
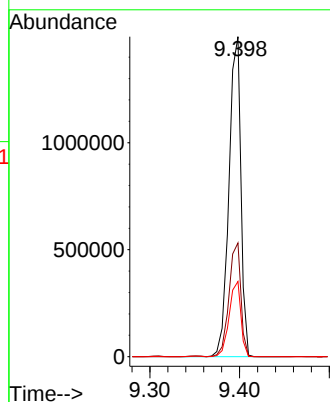
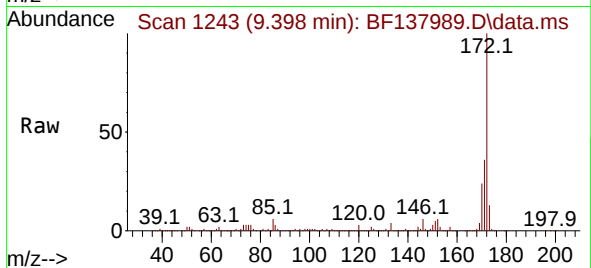
Tgt Ion:172 Resp: 1377112

Ion Ratio Lower Upper

172 100

171 35.6 28.9 43.3

170 23.5 18.9 28.3



#46

1,1'-Biphenyl

Concen: 42.243 ng

RT: 9.498 min Scan# 1260

Delta R.T. -0.006 min

Lab File: BF137989.D

Acq: 21 May 2024 20:46

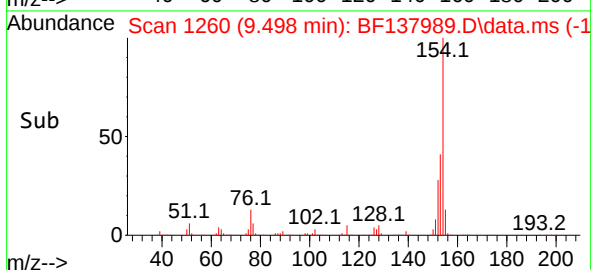
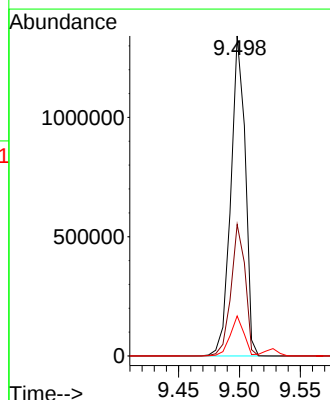
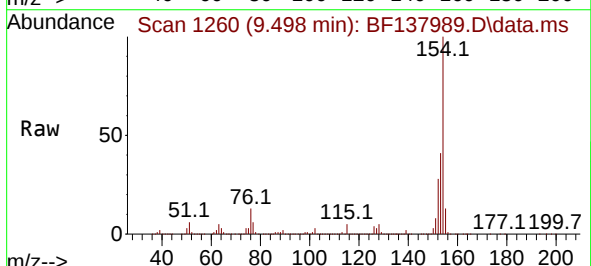
Tgt Ion:154 Resp: 1102817

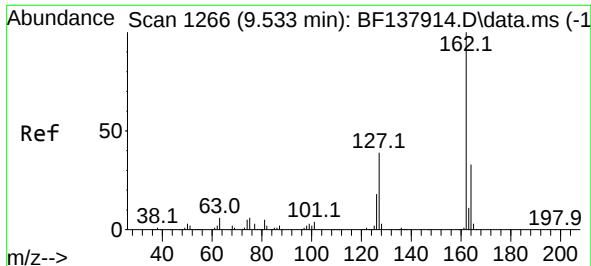
Ion Ratio Lower Upper

154 100

153 41.1 21.3 61.3

76 12.5 0.0 31.9

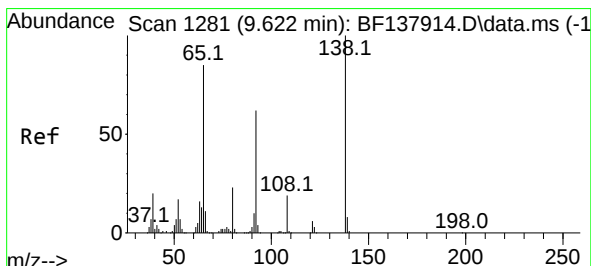
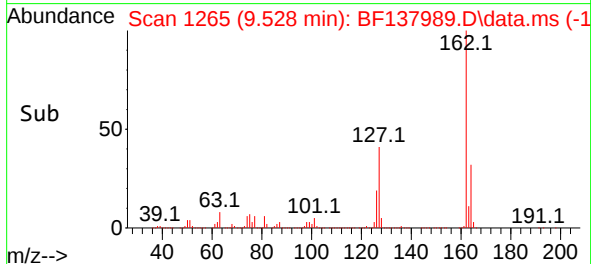
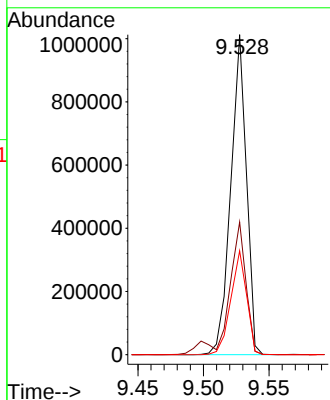
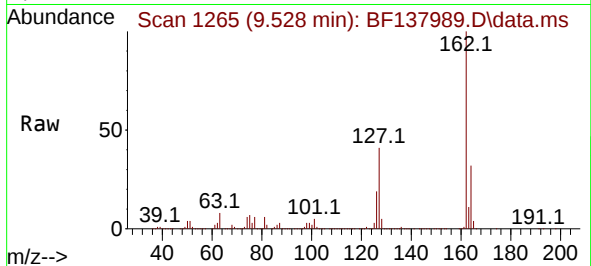




#47
2-Chloronaphthalene
Concen: 40.401 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

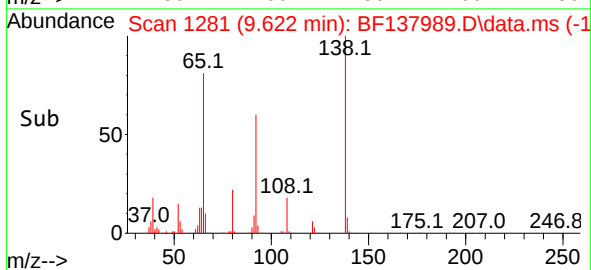
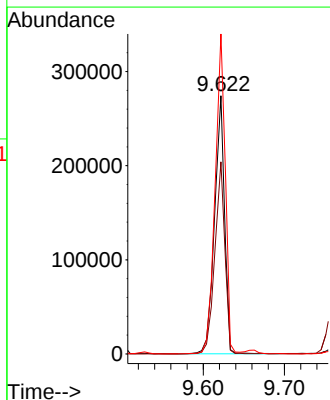
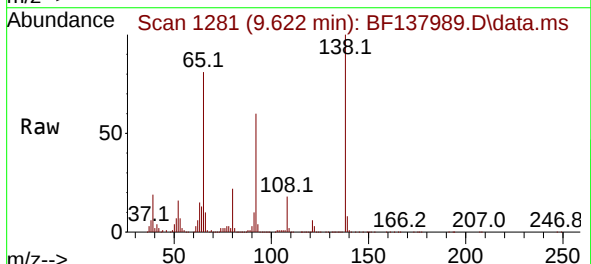
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMS

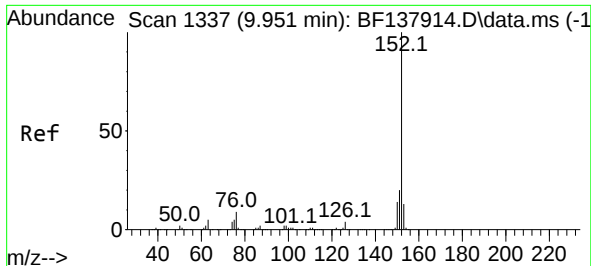
Tgt Ion:162 Resp: 841958
Ion Ratio Lower Upper
162 100
127 41.4 32.0 48.0
164 32.5 26.2 39.4



#48
2-Nitroaniline
Concen: 44.016 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

Tgt Ion: 65 Resp: 234897
Ion Ratio Lower Upper
65 100
92 74.4 58.6 88.0
138 123.9 94.1 141.1





#49

Acenaphthylene

Concen: 45.134 ng

RT: 9.945 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137989.D

Acq: 21 May 2024 20:46

Instrument :

BNA_F

ClientSampleId :

POLE-SLEEVE-SOILMS

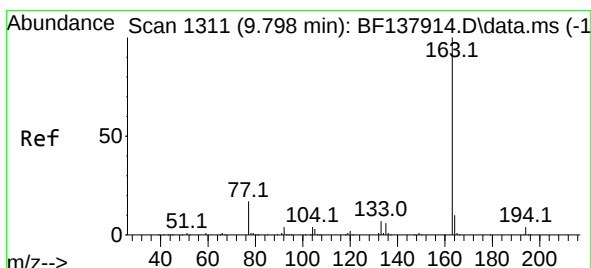
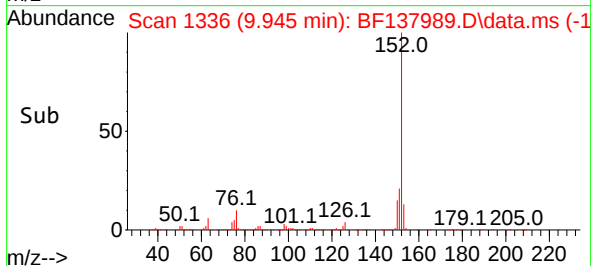
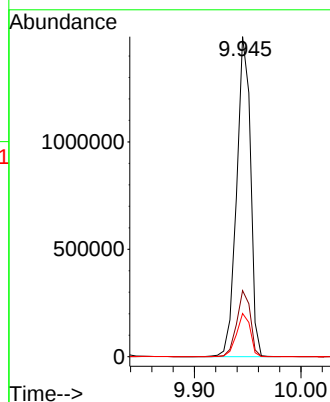
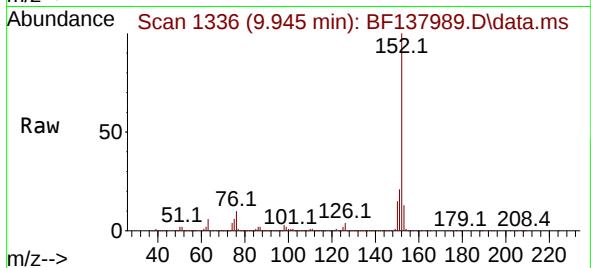
Tgt Ion:152 Resp: 1352445

Ion Ratio Lower Upper

152 100

151 20.6 15.8 23.8

153 13.5 10.2 15.4



#50

Dimethylphthalate

Concen: 44.245 ng

RT: 9.798 min Scan# 1311

Delta R.T. 0.000 min

Lab File: BF137989.D

Acq: 21 May 2024 20:46

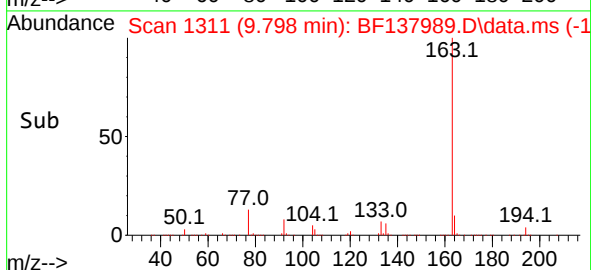
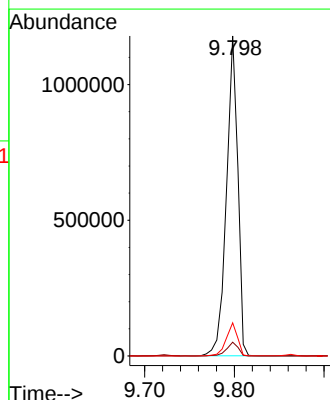
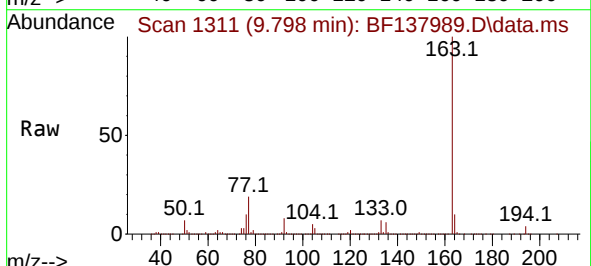
Tgt Ion:163 Resp: 1032716

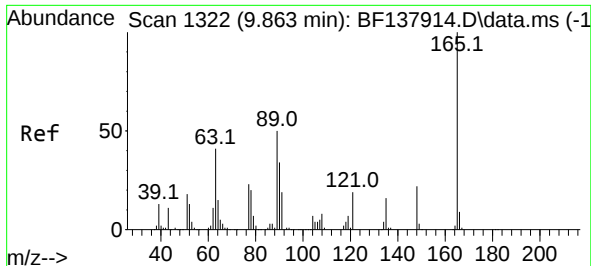
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.4 8.0 12.0

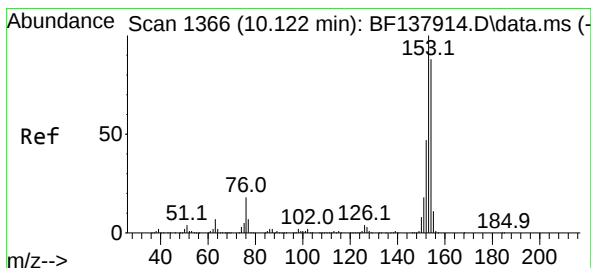
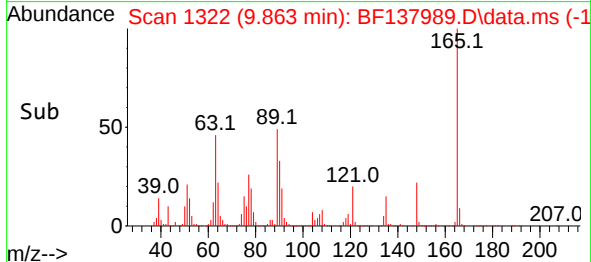
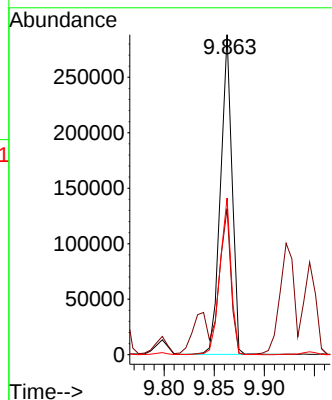
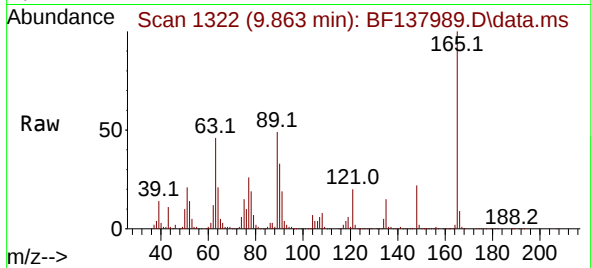




#51
2,6-Dinitrotoluene
Concen: 42.845 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

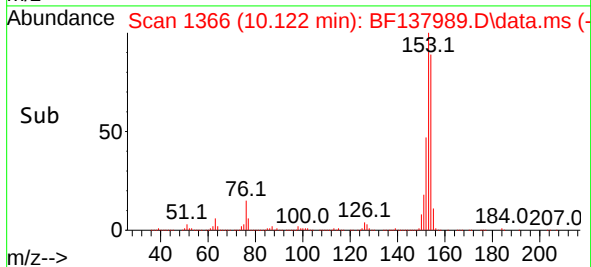
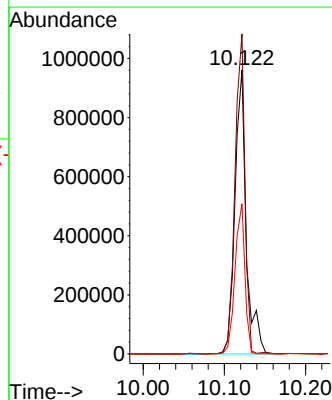
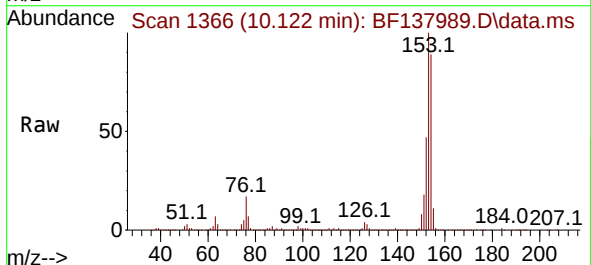
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMS

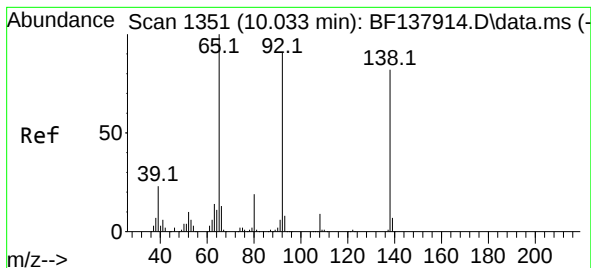
Tgt Ion:165 Resp: 229524
Ion Ratio Lower Upper
165 100
63 45.7 38.9 58.3
89 49.0 40.4 60.6



#52
Acenaphthene
Concen: 46.851 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

Tgt Ion:154 Resp: 927897
Ion Ratio Lower Upper
154 100
153 112.8 90.4 135.6
152 52.9 42.3 63.5





#53

3-Nitroaniline

Concen: 42.430 ng

RT: 10.033 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF137989.D

Acq: 21 May 2024 20:46

Instrument :

BNA_F

ClientSampleId :

POLE-SLEEVE-SOILMS

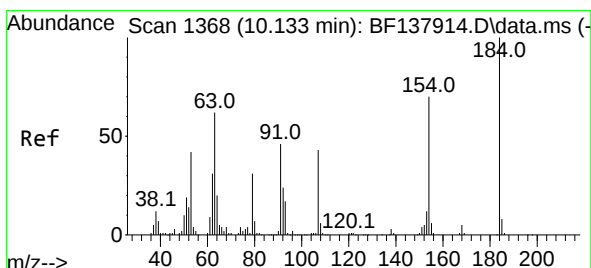
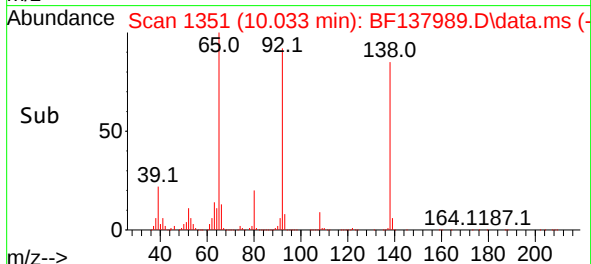
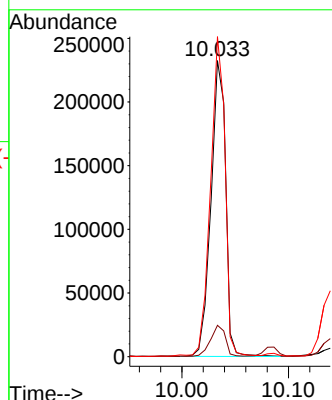
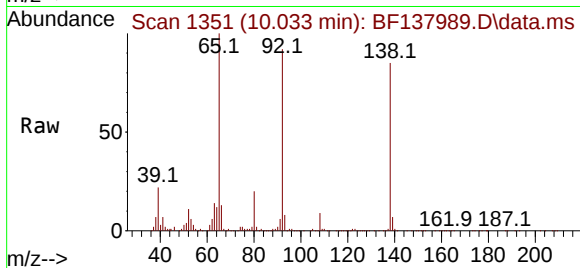
Tgt Ion:138 Resp: 222208

Ion Ratio Lower Upper

138 100

108 10.6 8.8 13.2

92 108.1 88.6 133.0



#54

2,4-Dinitrophenol

Concen: 68.518 ng

RT: 10.139 min Scan# 1369

Delta R.T. 0.006 min

Lab File: BF137989.D

Acq: 21 May 2024 20:46

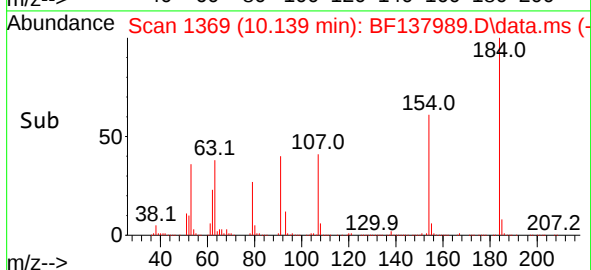
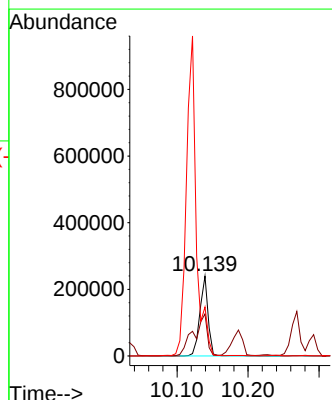
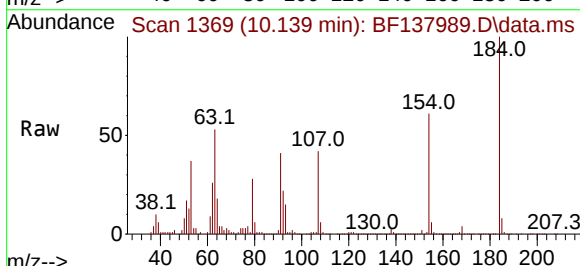
Tgt Ion:184 Resp: 195128

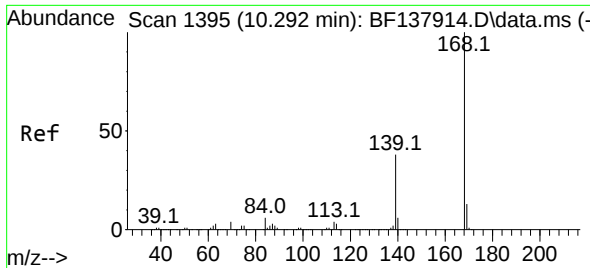
Ion Ratio Lower Upper

184 100

63 52.7 50.4 75.6

154 61.4 63.7 95.5#

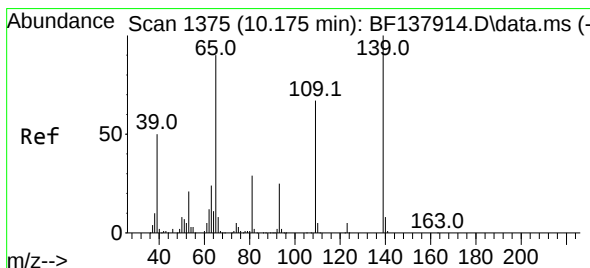
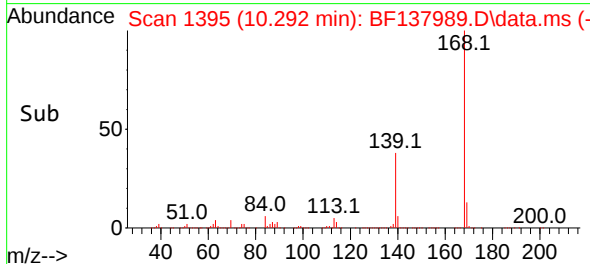
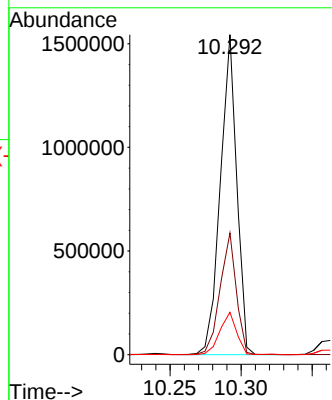
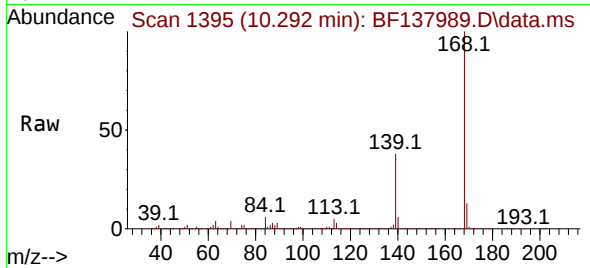




#55
Dibenzofuran
Concen: 42.960 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

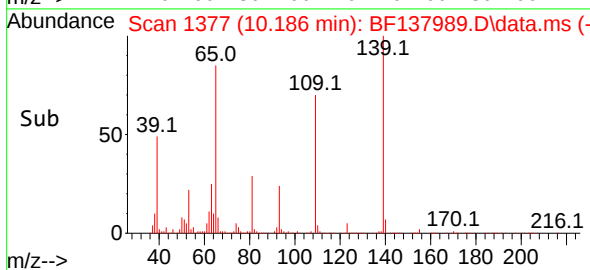
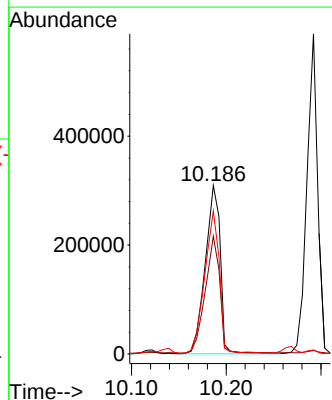
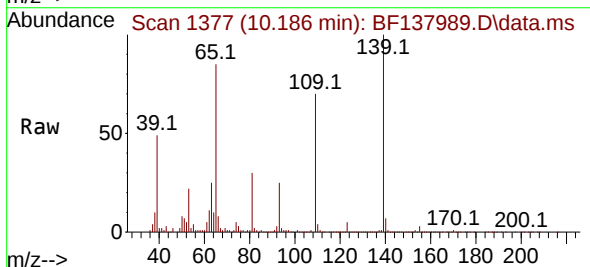
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMS

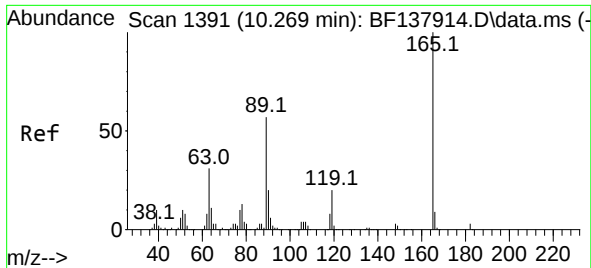
Tgt Ion:168 Resp: 1238265
Ion Ratio Lower Upper
168 100
139 38.1 30.4 45.6
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 90.089 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.012 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

Tgt Ion:139 Resp: 338864
Ion Ratio Lower Upper
139 100
109 69.9 46.5 86.5
65 84.9 70.4 110.4

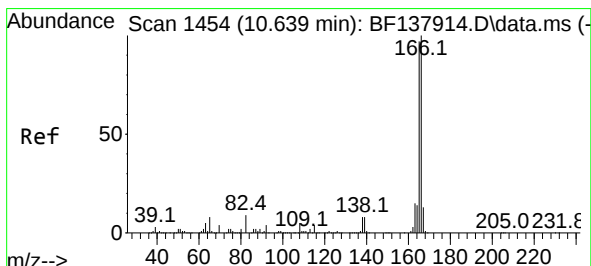
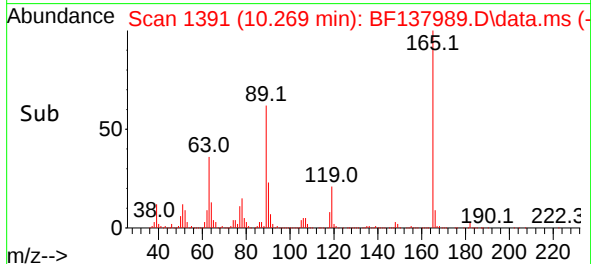
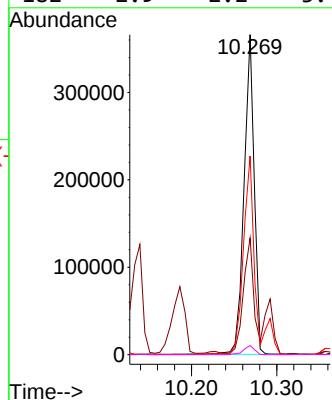
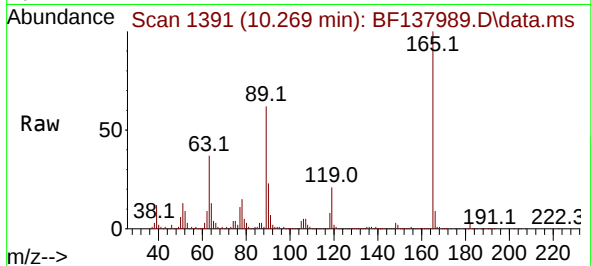




#57
2,4-Dinitrotoluene
Concen: 43.949 ng
RT: 10.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

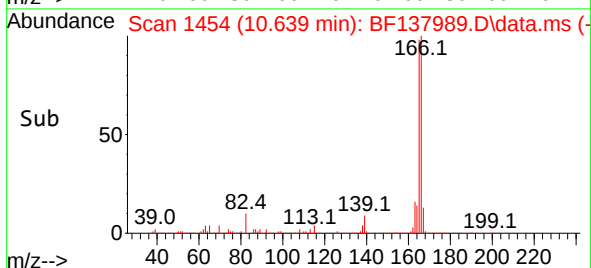
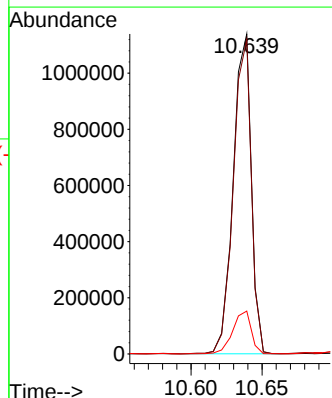
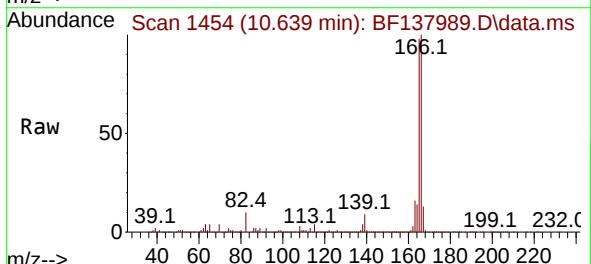
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMS

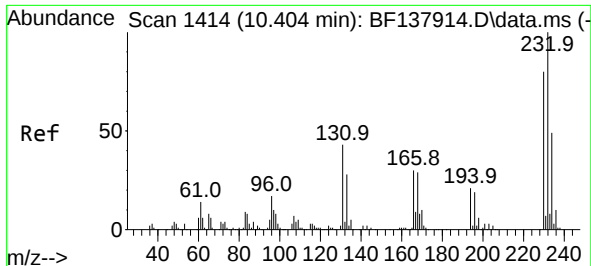
Tgt Ion:165 Resp: 304367
Ion Ratio Lower Upper
165 100
63 36.5 25.3 37.9
89 62.1 45.9 68.9
182 2.9 2.2 3.4



#58
Fluorene
Concen: 44.305 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

Tgt Ion:166 Resp: 1010070
Ion Ratio Lower Upper
166 100
165 98.3 77.8 116.8
167 13.4 10.4 15.6

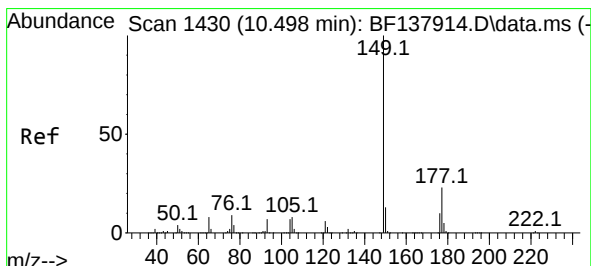
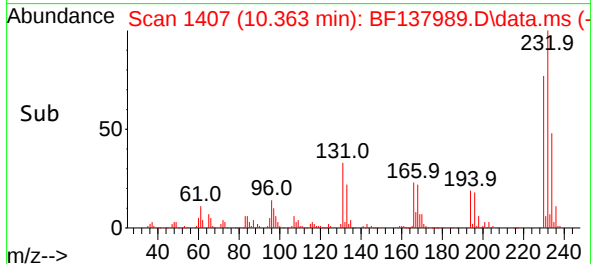
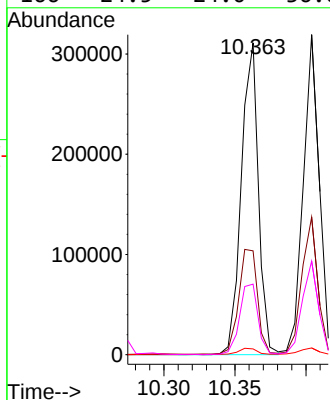
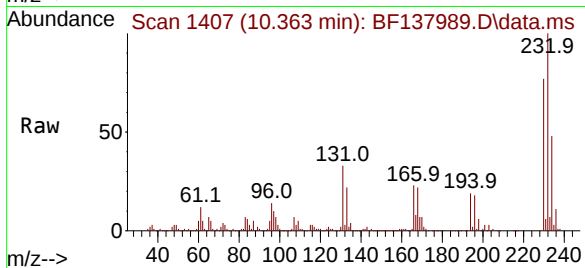




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.872 ng
RT: 10.363 min Scan# 1414
Delta R.T. -0.041 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

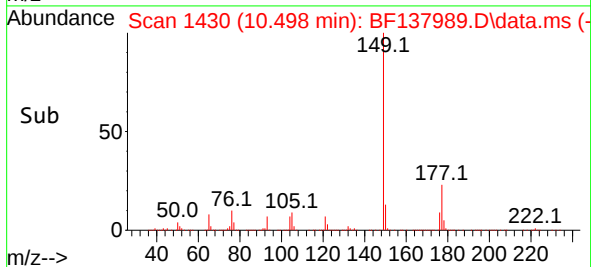
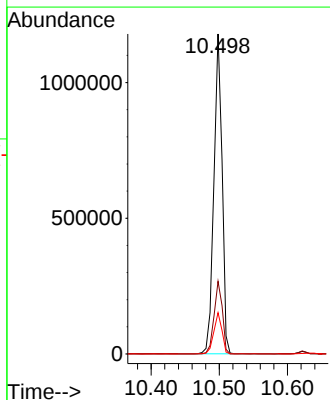
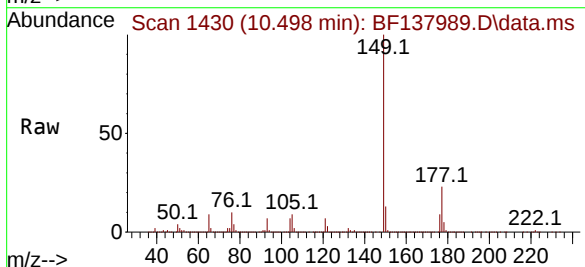
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMS

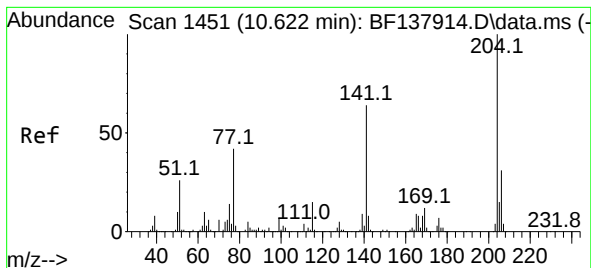
Tgt Ion:232 Resp: 261612
Ion Ratio Lower Upper
232 100
131 37.2 34.4 51.6
130 2.2 1.7 2.5
166 24.5 24.0 36.0



#60
Diethylphthalate
Concen: 45.208 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

Tgt Ion:149 Resp: 985479
Ion Ratio Lower Upper
149 100
177 22.7 18.4 27.6
150 12.9 10.1 15.1

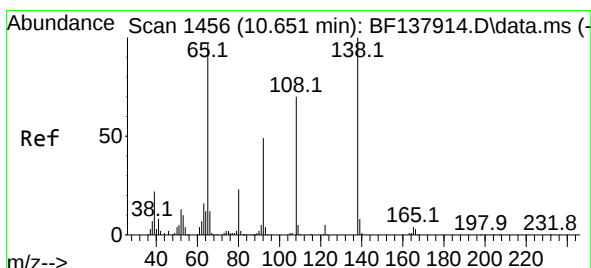
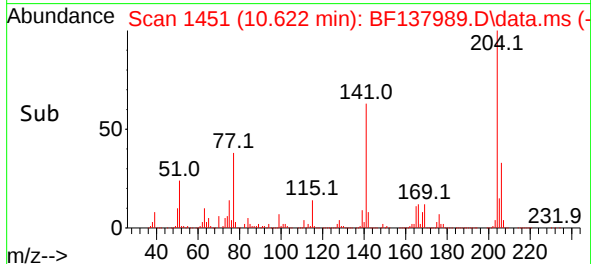
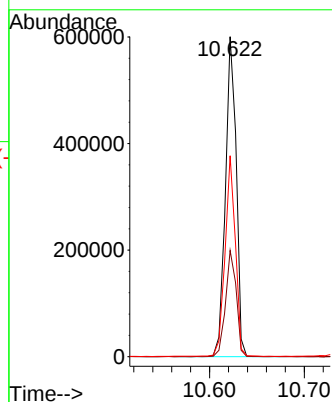
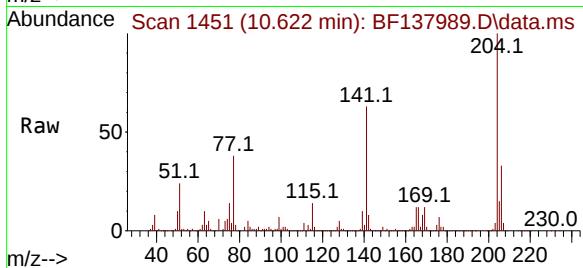




#61
4-Chlorophenyl-phenylether
Concen: 42.391 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

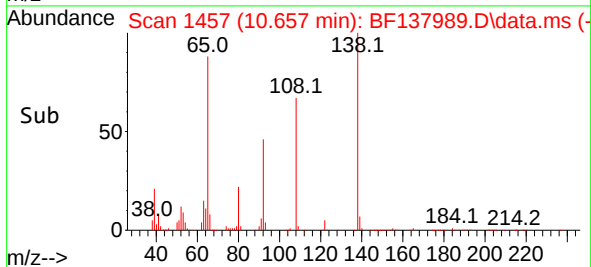
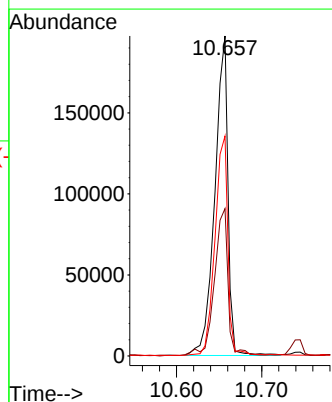
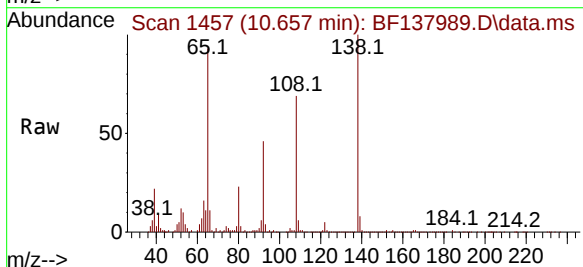
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMS

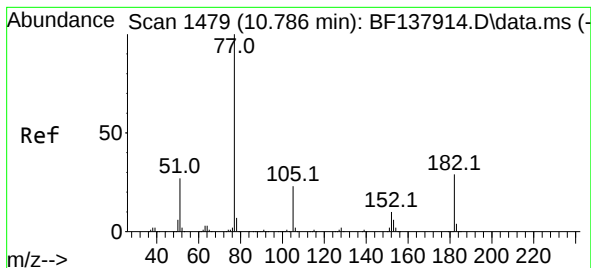
Tgt Ion:204 Resp: 476606
Ion Ratio Lower Upper
204 100
206 33.2 25.1 37.7
141 62.8 51.0 76.6



#62
4-Nitroaniline
Concen: 42.533 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

Tgt Ion:138 Resp: 211272
Ion Ratio Lower Upper
138 100
92 46.0 29.0 69.0
108 68.7 49.7 89.7





#63

Azobenzene

Concen: 43.340 ng

RT: 10.786 min Scan# 1479

Delta R.T. 0.000 min

Lab File: BF137989.D

Acq: 21 May 2024 20:46

Instrument :

BNA_F

ClientSampleId :

POLE-SLEEVE-SOILMS

Tgt Ion: 77 Resp: 859340

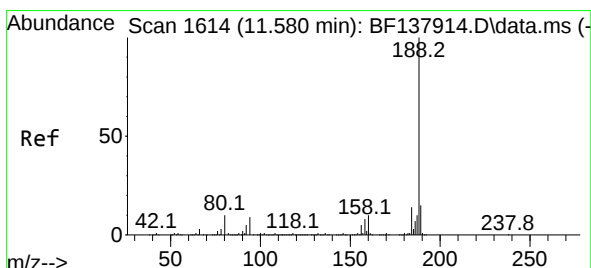
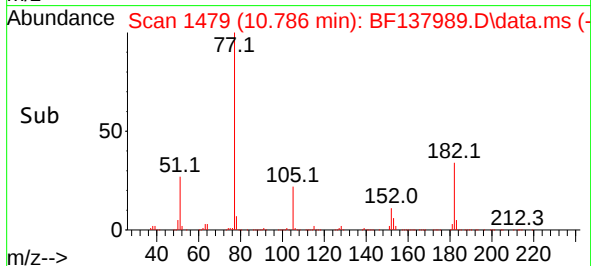
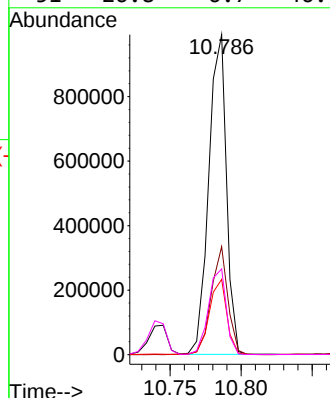
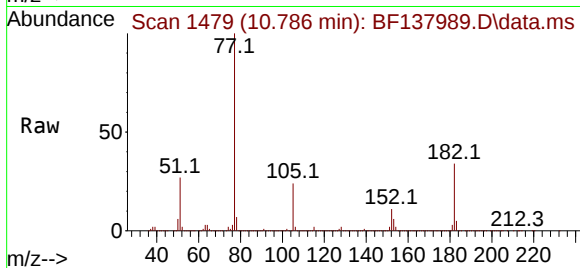
Ion Ratio Lower Upper

77 100

182 33.7 9.2 49.2

105 23.6 3.1 43.1

51 26.8 6.7 46.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.580 min Scan# 1614

Delta R.T. 0.000 min

Lab File: BF137989.D

Acq: 21 May 2024 20:46

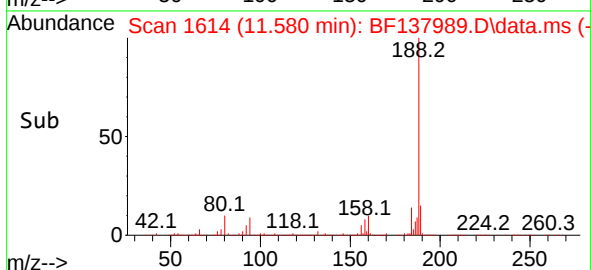
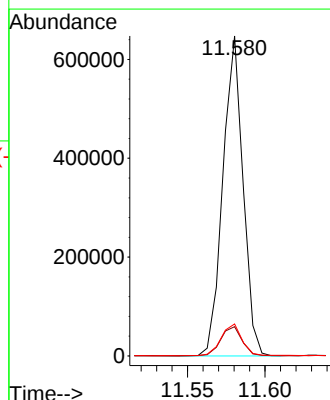
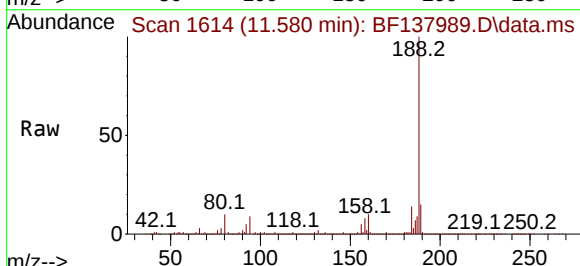
Tgt Ion: 188 Resp: 584622

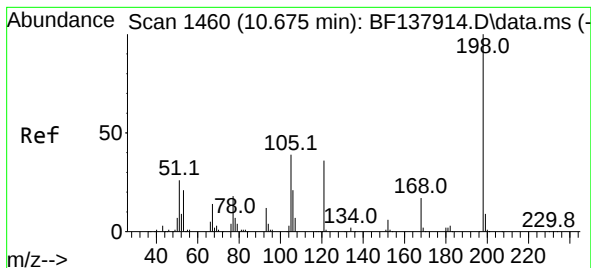
Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.4

80 10.0 7.7 11.5

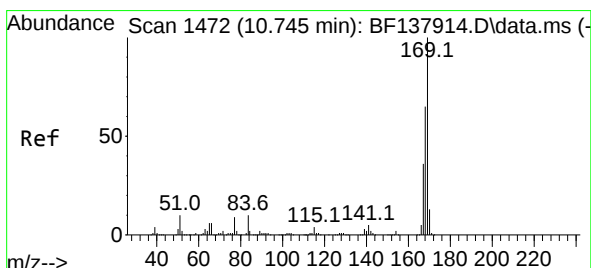
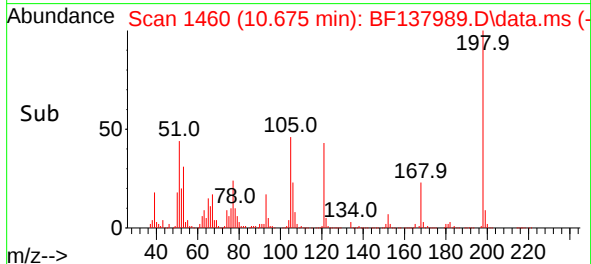
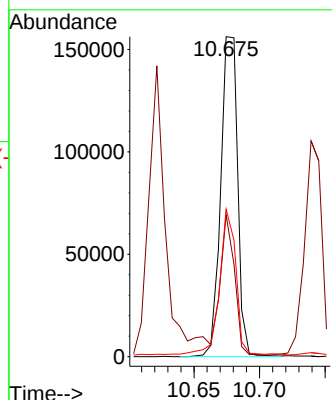
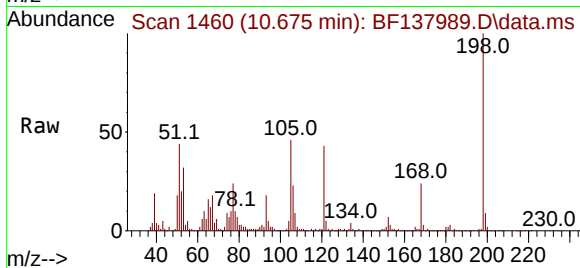




#65
4,6-Dinitro-2-methylphenol
Concen: 41.538 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

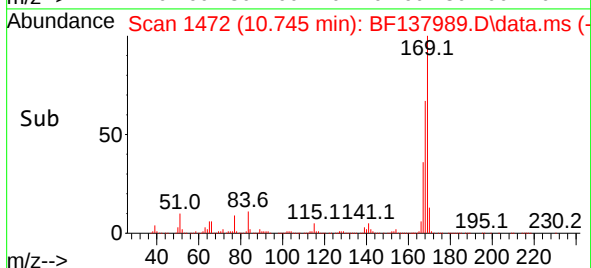
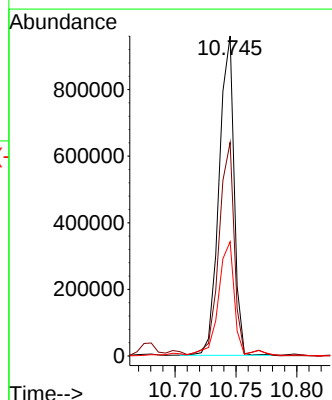
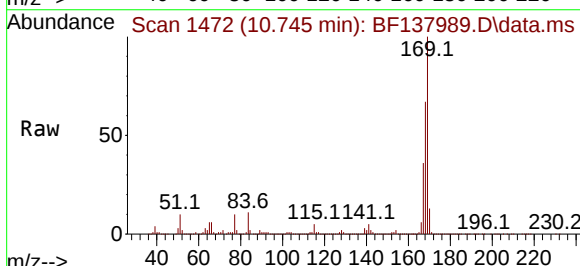
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMS

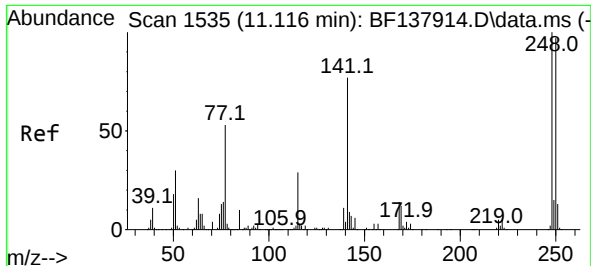
Tgt Ion:198 Resp: 140219
Ion Ratio Lower Upper
198 100
51 44.3 13.8 53.8
105 46.1 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 45.951 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

Tgt Ion:169 Resp: 823833
Ion Ratio Lower Upper
169 100
168 66.7 52.4 78.6
167 35.7 28.9 43.3

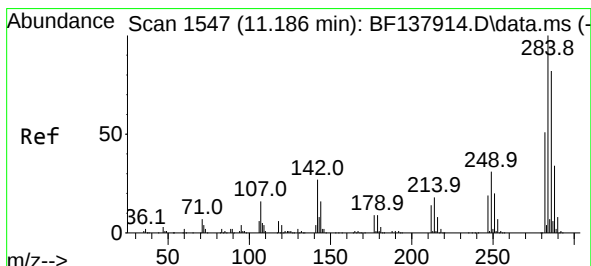
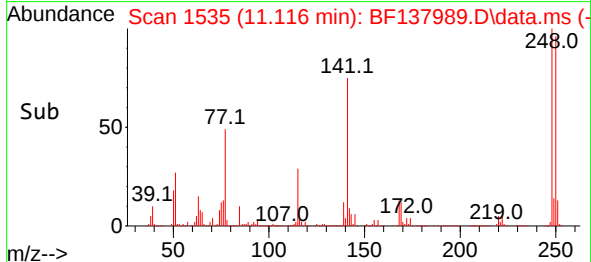
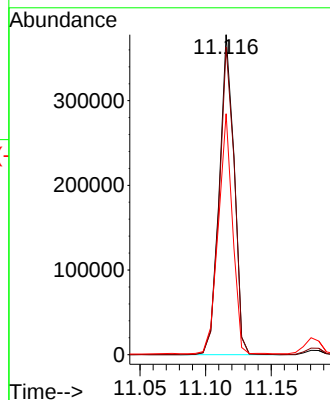
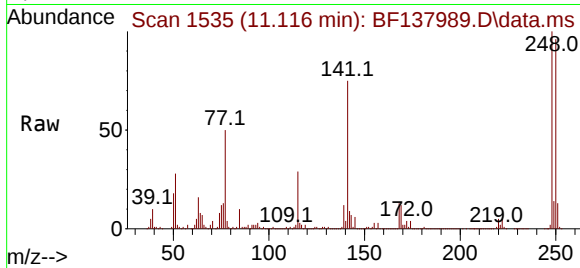




#67
4-Bromophenyl-phenylether
Concen: 46.222 ng
RT: 11.116 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

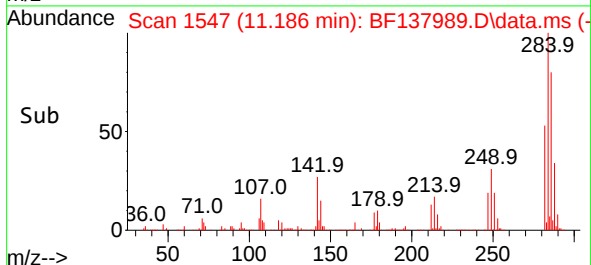
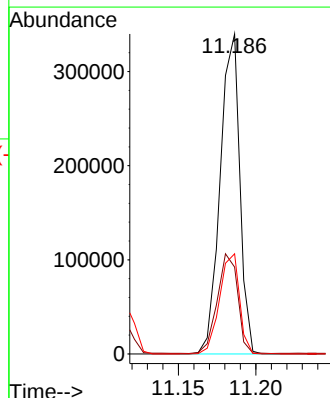
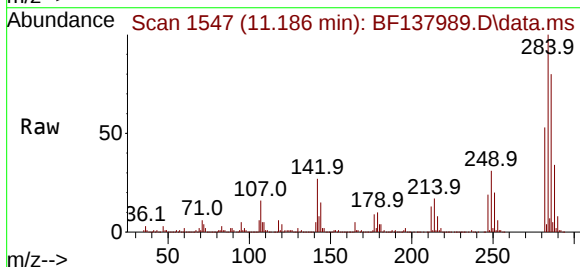
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMS

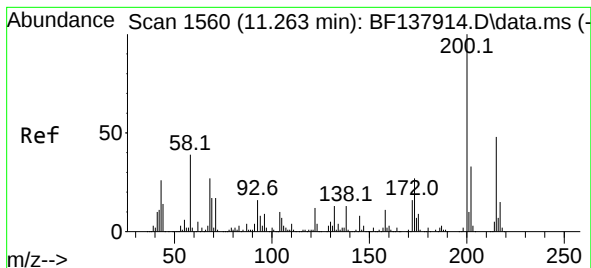
Tgt Ion:248 Resp: 296244
Ion Ratio Lower Upper
248 100
250 96.2 77.6 116.4
141 75.3 61.4 92.2



#68
Hexachlorobenzene
Concen: 42.191 ng
RT: 11.186 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

Tgt Ion:284 Resp: 298905
Ion Ratio Lower Upper
284 100
142 27.2 21.3 31.9
249 31.3 24.6 37.0





#69

Atrazine

Concen: 56.134 ng

RT: 11.269 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137989.D

Acq: 21 May 2024 20:46

Instrument :

BNA_F

ClientSampleId :

POLE-SLEEVE-SOILMS

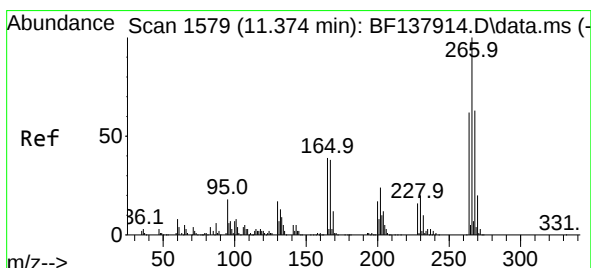
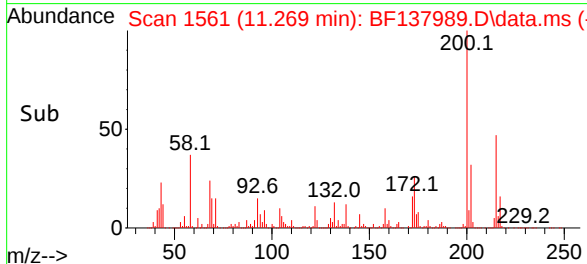
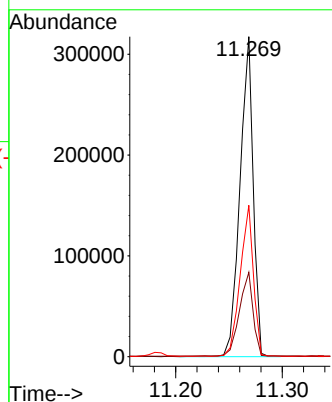
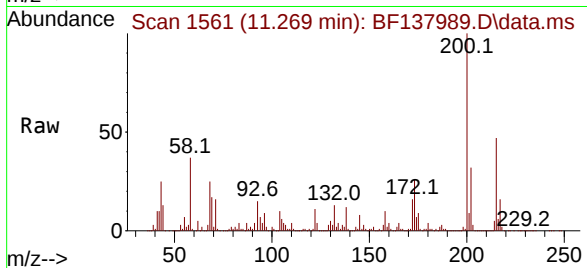
Tgt Ion:200 Resp: 274814

Ion Ratio Lower Upper

200 100

173 26.3 6.6 46.6

215 47.3 27.5 67.5



#70

Pentachlorophenol

Concen: 84.657 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.006 min

Lab File: BF137989.D

Acq: 21 May 2024 20:46

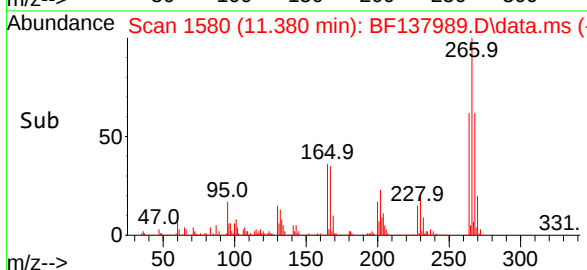
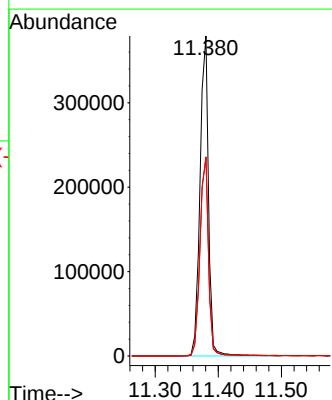
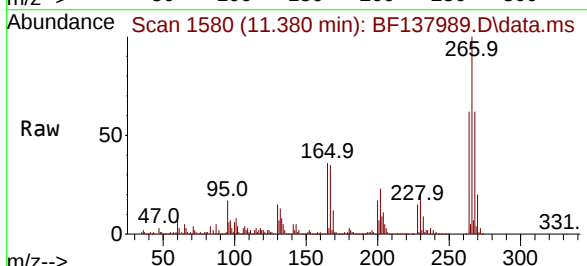
Tgt Ion:266 Resp: 351317

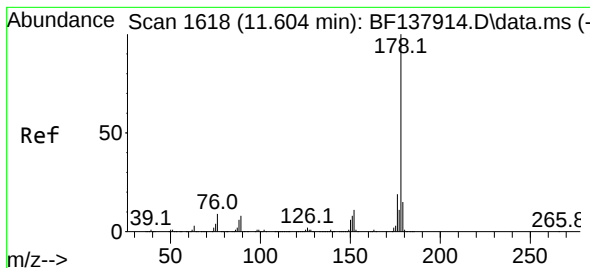
Ion Ratio Lower Upper

266 100

268 62.1 50.1 75.1

264 62.3 49.4 74.2





#71

Phenanthrene

Concen: 65.673 ng

RT: 11.610 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137989.D

Acq: 21 May 2024 20:46

Instrument :

BNA_F

ClientSampleId :

POLE-SLEEVE-SOILMS

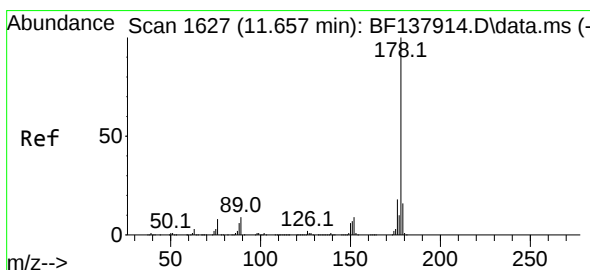
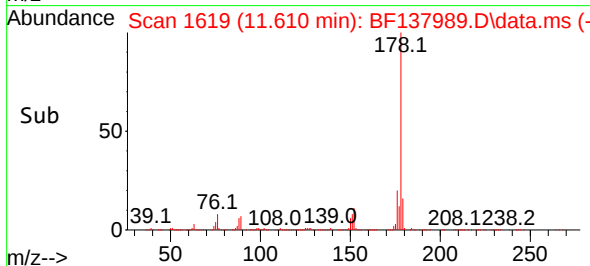
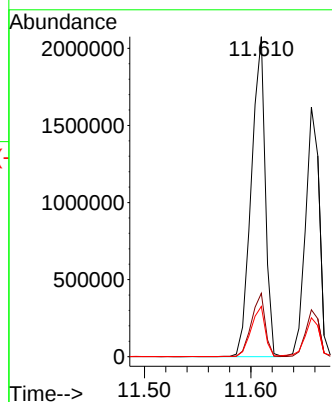
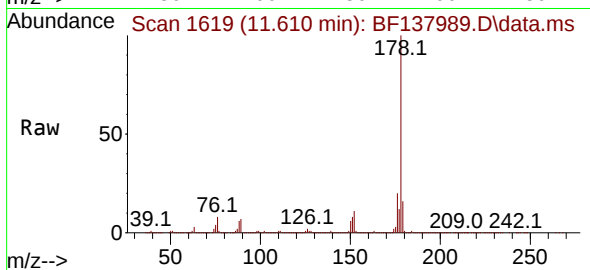
Tgt Ion:178 Resp: 1892008

Ion Ratio Lower Upper

178 100

176 19.8 15.2 22.8

179 15.7 12.2 18.4



#72

Anthracene

Concen: 50.440 ng

RT: 11.657 min Scan# 1627

Delta R.T. 0.000 min

Lab File: BF137989.D

Acq: 21 May 2024 20:46

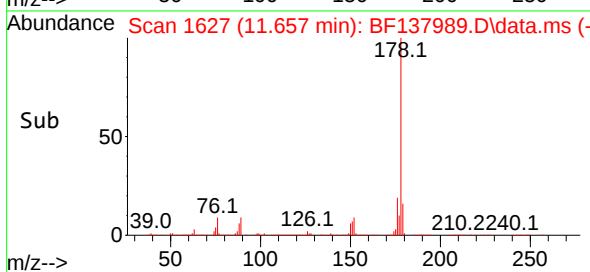
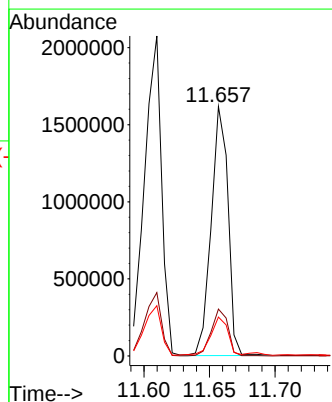
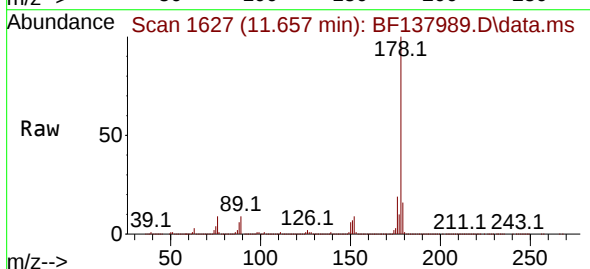
Tgt Ion:178 Resp: 1441805

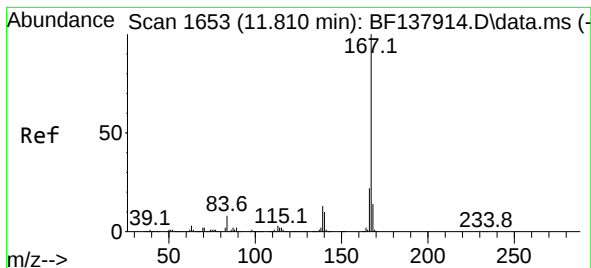
Ion Ratio Lower Upper

178 100

176 18.8 14.7 22.1

179 15.6 12.4 18.6





#73

Carbazole

Concen: 41.529 ng

RT: 11.810 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137989.D

Acq: 21 May 2024 20:46

Instrument :

BNA_F

ClientSampleId :

POLE-SLEEVE-SOILMS

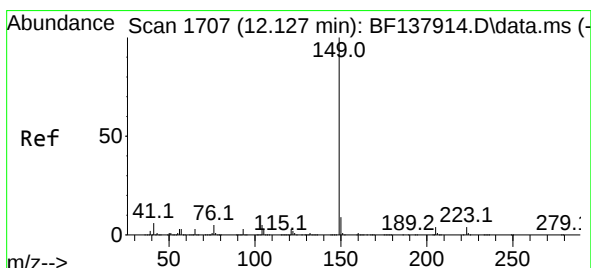
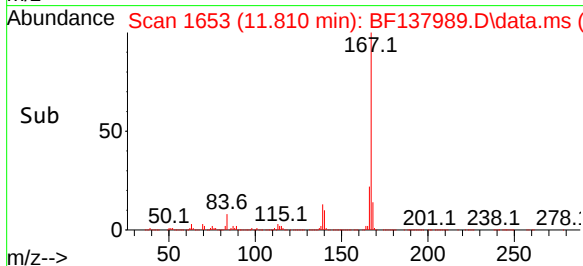
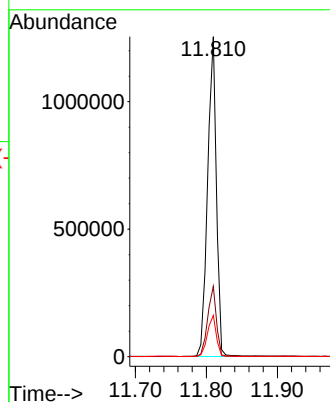
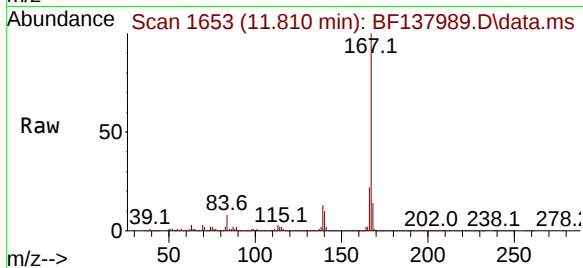
Tgt Ion:167 Resp: 1084395

Ion Ratio Lower Upper

167 100

166 22.0 17.3 25.9

139 12.9 10.3 15.5



#74

Di-n-butylphthalate

Concen: 55.415 ng

RT: 12.127 min Scan# 1707

Delta R.T. 0.000 min

Lab File: BF137989.D

Acq: 21 May 2024 20:46

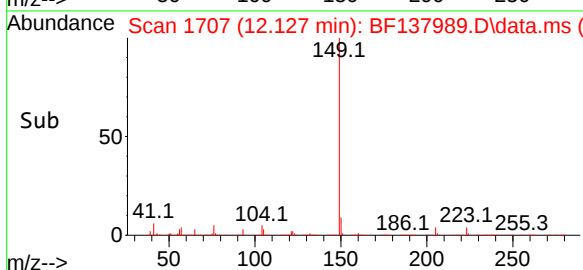
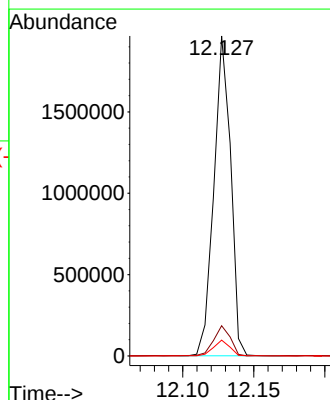
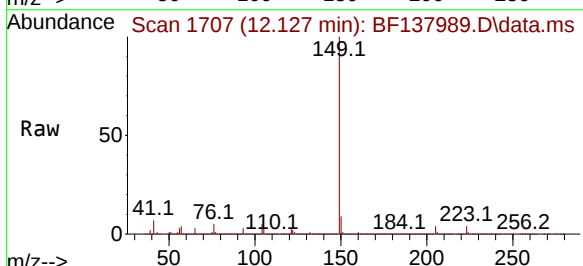
Tgt Ion:149 Resp: 1605838

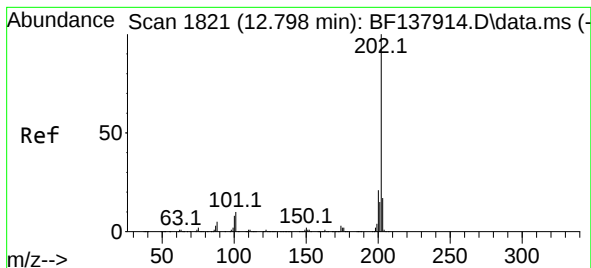
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 4.9 3.6 5.4





#75

Fluoranthene

Concen: 65.099 ng

RT: 12.804 min Scan# 1822

Delta R.T. 0.006 min

Lab File: BF137989.D

Acq: 21 May 2024 20:46

Instrument :

BNA_F

ClientSampleId :

POLE-SLEEVE-SOILMS

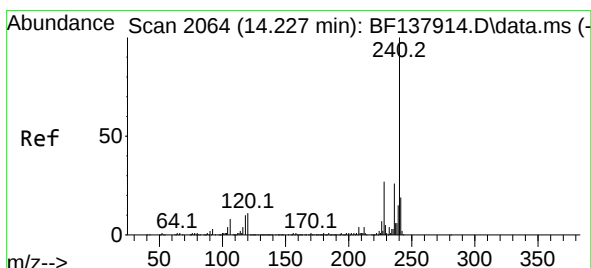
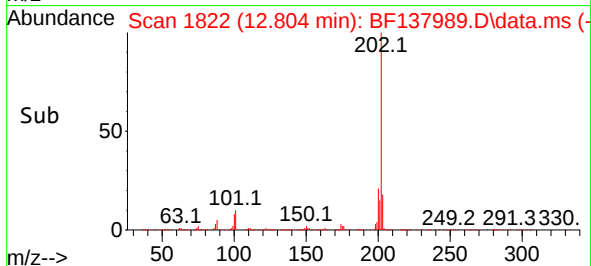
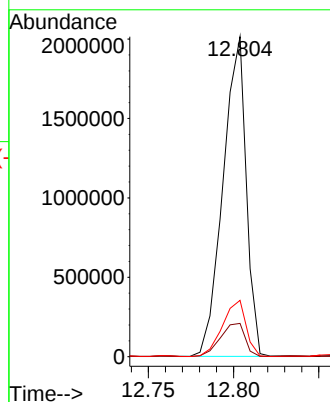
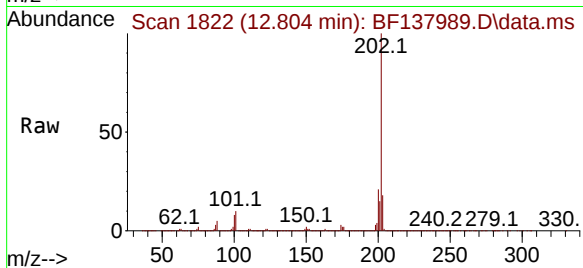
Tgt Ion:202 Resp: 1903639

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.5

203 17.6 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.233 min Scan# 2065

Delta R.T. 0.006 min

Lab File: BF137989.D

Acq: 21 May 2024 20:46

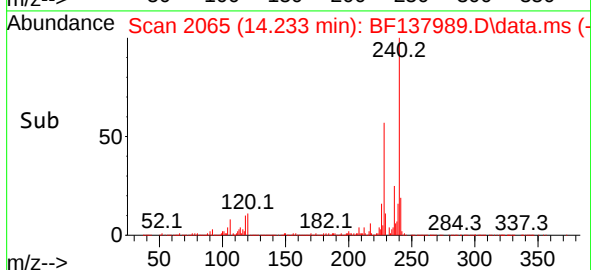
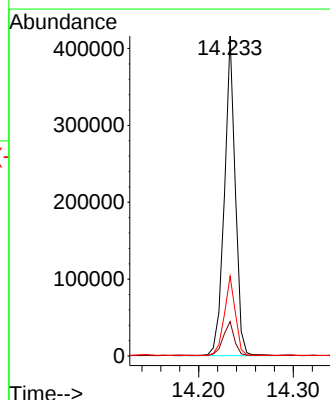
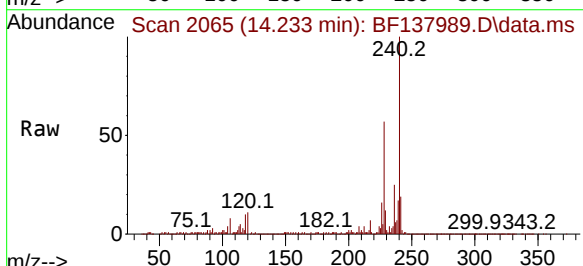
Tgt Ion:240 Resp: 333428

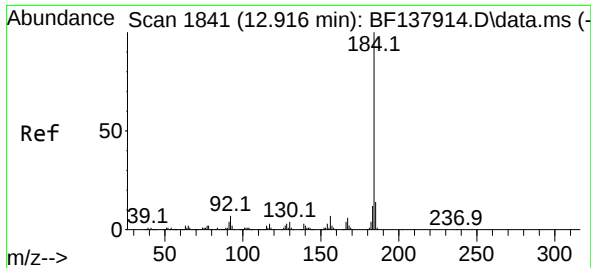
Ion Ratio Lower Upper

240 100

120 10.7 8.9 13.3

236 24.9 21.0 31.4

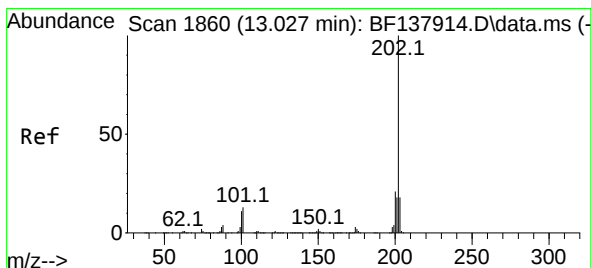
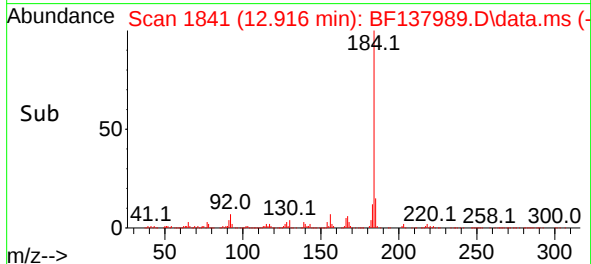
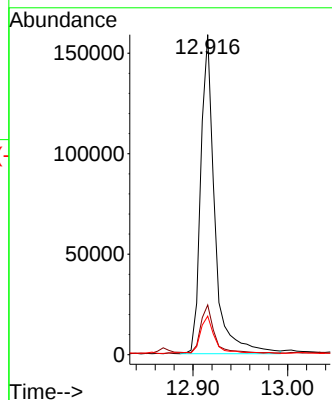
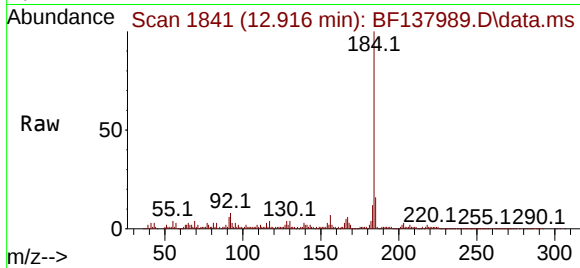




#77
Benzidine
Concen: 37.723 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

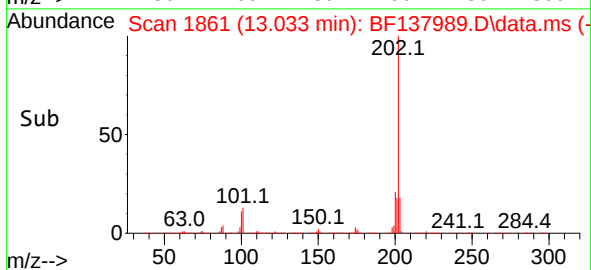
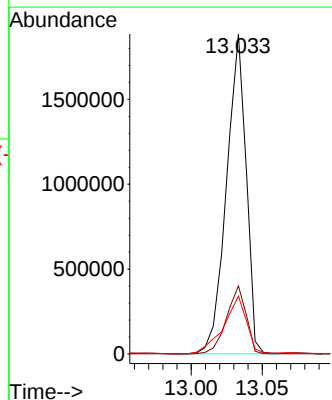
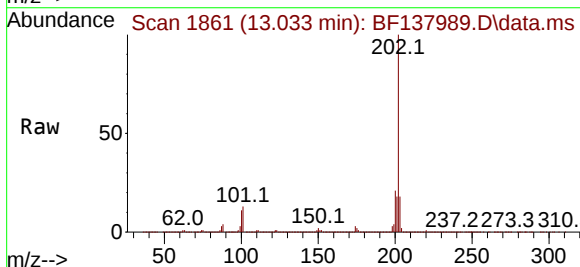
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMS

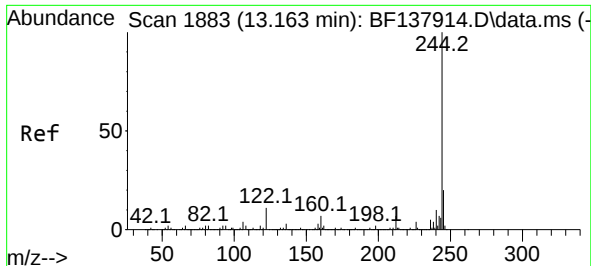
Tgt Ion:184 Resp: 164381
Ion Ratio Lower Upper
184 100
185 15.6 11.4 17.2
183 12.1 9.5 14.3



#78
Pyrene
Concen: 61.986 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.006 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

Tgt Ion:202 Resp: 1807683
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 18.0 14.1 21.1

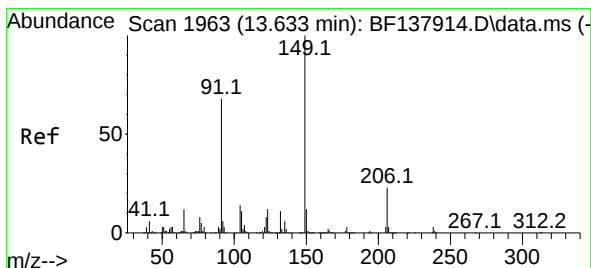
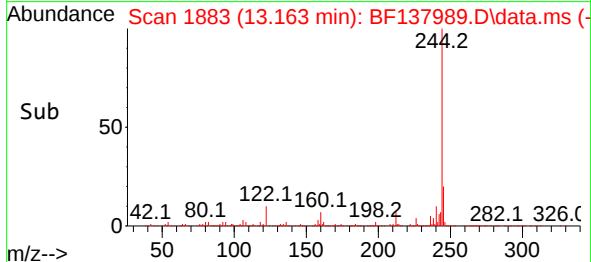
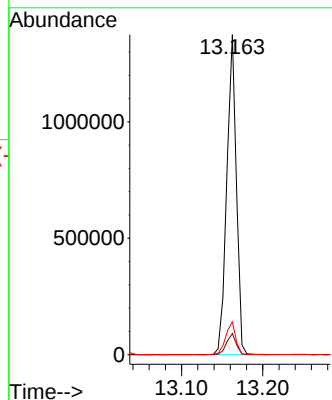
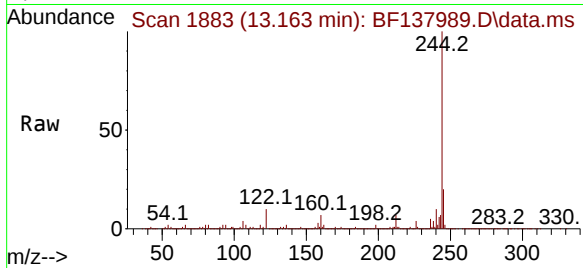




#79
 Terphenyl-d14
 Concen: 50.022 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: BF137989.D
 Acq: 21 May 2024 20:46

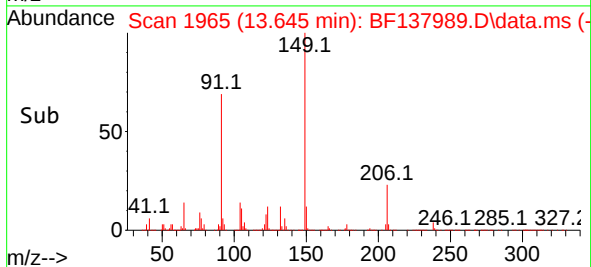
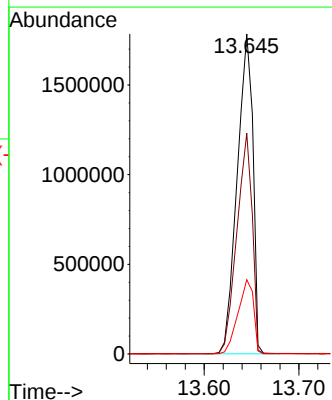
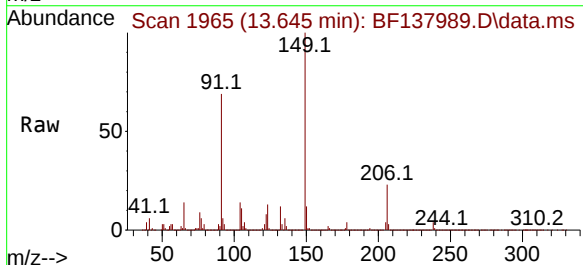
Instrument :
 BNA_F
 ClientSampleId :
 POLE-SLEEVE-SOILMS

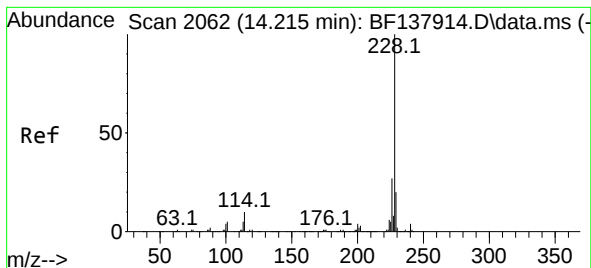
Tgt Ion:244 Resp: 1131673
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.3 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 233.308 ng
 RT: 13.645 min Scan# 1965
 Delta R.T. 0.012 min
 Lab File: BF137989.D
 Acq: 21 May 2024 20:46

Tgt Ion:149 Resp: 2052262
 Ion Ratio Lower Upper
 149 100
 91 69.0 54.2 81.4
 206 23.2 18.1 27.1





#81

Benzo(a)anthracene

Concen: 60.391 ng

RT: 14.221 min Scan# 2063

Delta R.T. 0.006 min

Lab File: BF137989.D

Acq: 21 May 2024 20:46

Instrument :

BNA_F

ClientSampleId :

POLE-SLEEVE-SOILMS

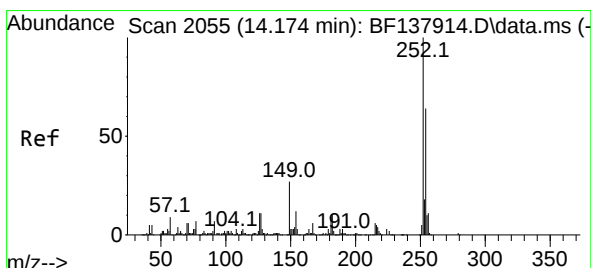
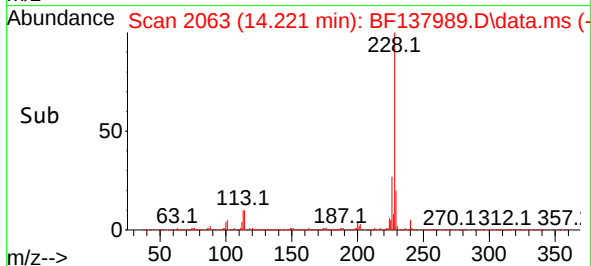
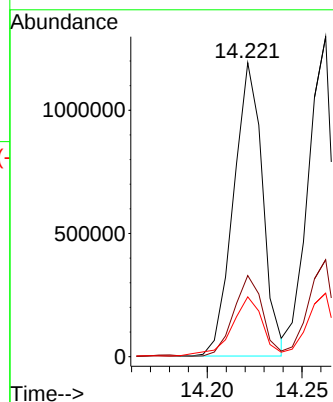
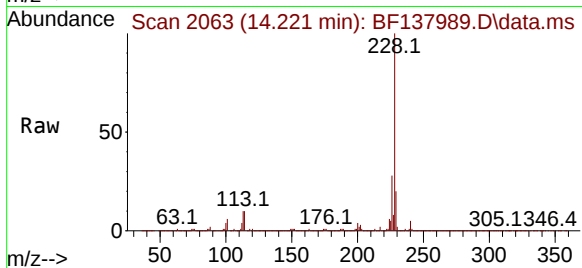
Tgt Ion:228 Resp: 1273932

Ion Ratio Lower Upper

228 100

226 27.6 21.3 31.9

229 20.4 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 48.737 ng

RT: 14.180 min Scan# 2056

Delta R.T. 0.006 min

Lab File: BF137989.D

Acq: 21 May 2024 20:46

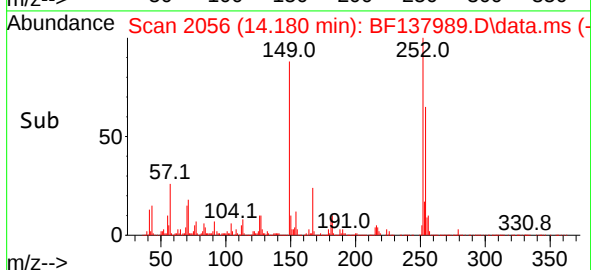
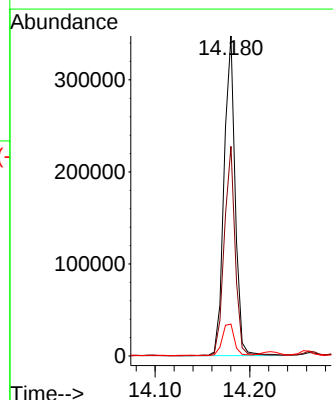
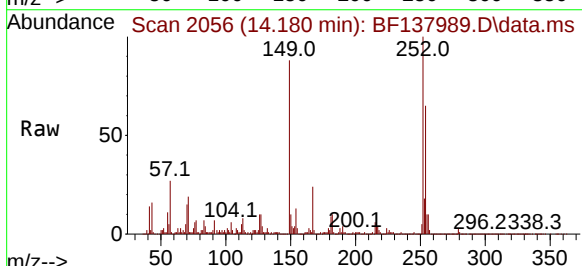
Tgt Ion:252 Resp: 284917

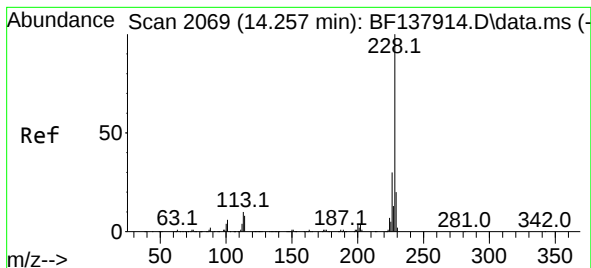
Ion Ratio Lower Upper

252 100

254 65.5 51.2 76.8

126 9.9 8.7 13.1





#83

Chrysene

Concen: 57.532 ng

RT: 14.263 min Scan# 2069

Delta R.T. 0.006 min

Lab File: BF137989.D

Acq: 21 May 2024 20:46

Instrument :

BNA_F

ClientSampleId :

POLE-SLEEVE-SOILMS

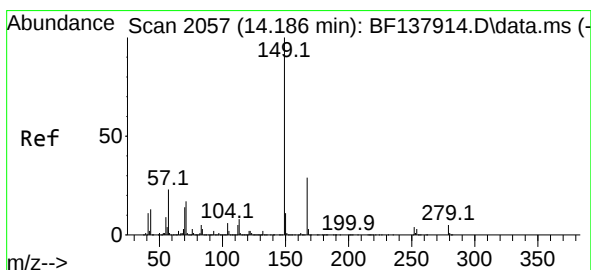
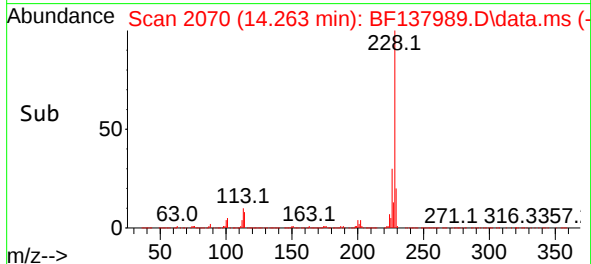
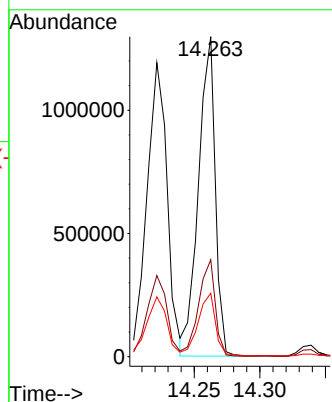
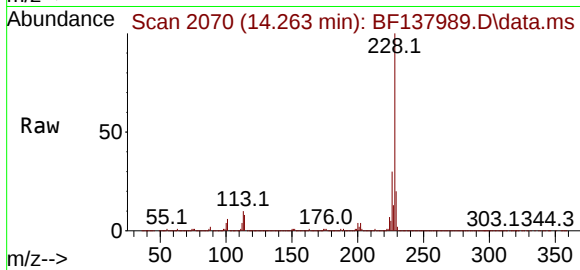
Tgt Ion:228 Resp: 1160674

Ion Ratio Lower Upper

228 100

226 30.3 23.8 35.8

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.992 ng

RT: 14.186 min Scan# 2057

Delta R.T. 0.000 min

Lab File: BF137989.D

Acq: 21 May 2024 20:46

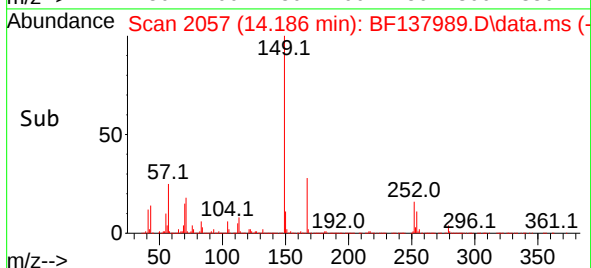
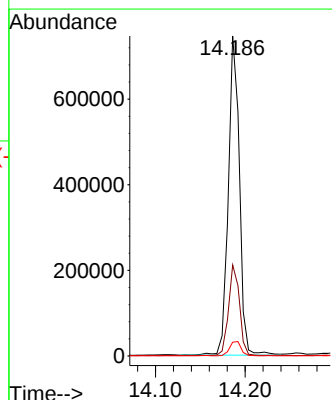
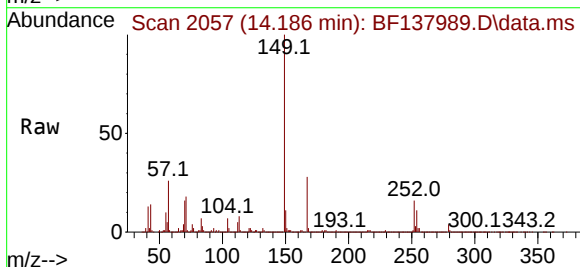
Tgt Ion:149 Resp: 641245

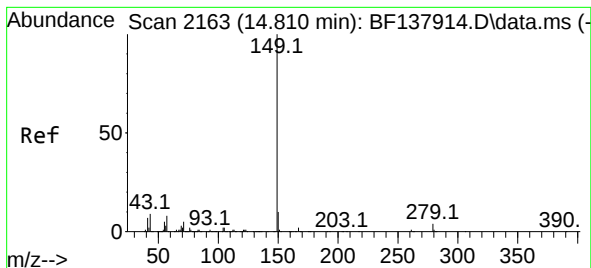
Ion Ratio Lower Upper

149 100

167 28.4 23.2 34.8

279 4.3 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 67.816 ng

RT: 14.815 min Scan# 2164

Delta R.T. 0.006 min

Lab File: BF137989.D

Acq: 21 May 2024 20:46

Instrument :

BNA_F

ClientSampleId :

POLE-SLEEVE-SOILMS

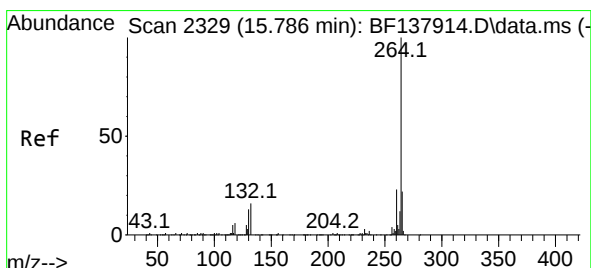
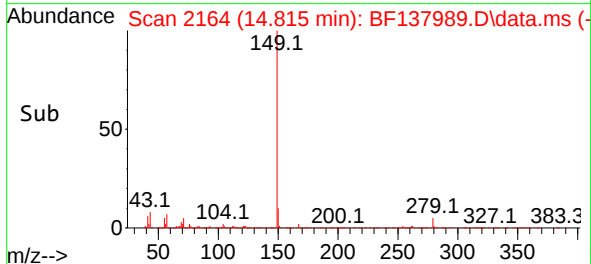
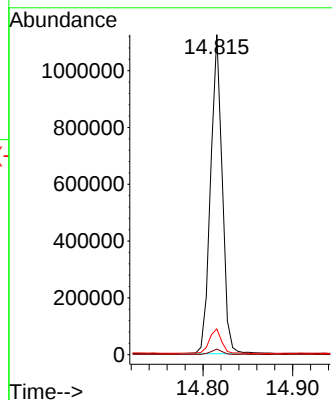
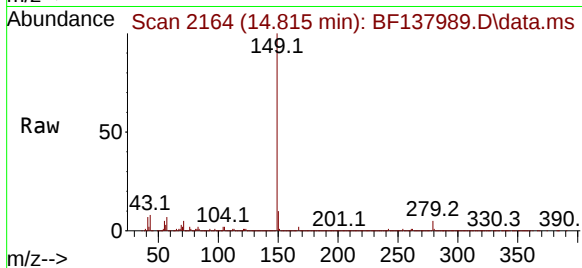
Tgt Ion:149 Resp: 1013052

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 8.0 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.792 min Scan# 2330

Delta R.T. 0.006 min

Lab File: BF137989.D

Acq: 21 May 2024 20:46

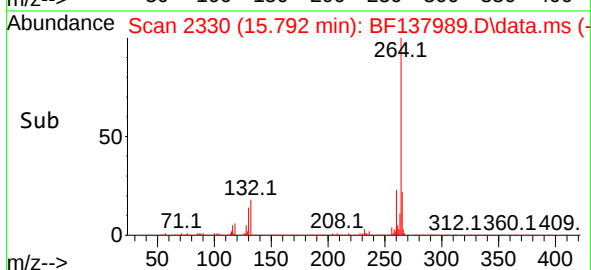
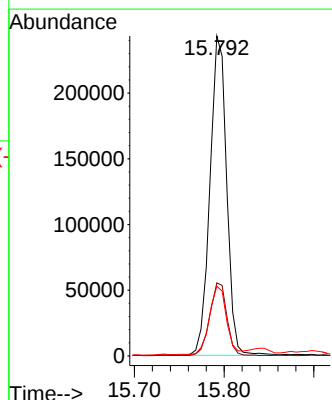
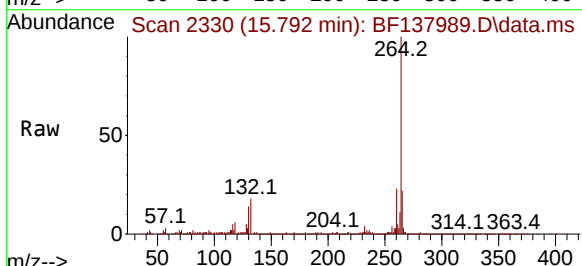
Tgt Ion:264 Resp: 314374

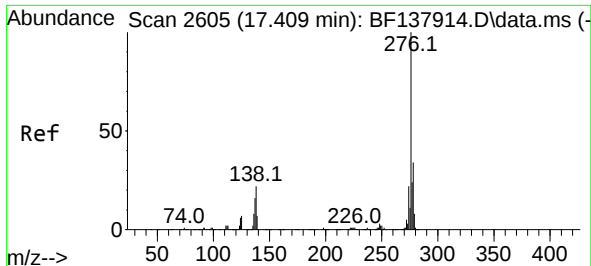
Ion Ratio Lower Upper

264 100

260 22.8 18.3 27.5

265 21.8 17.6 26.4

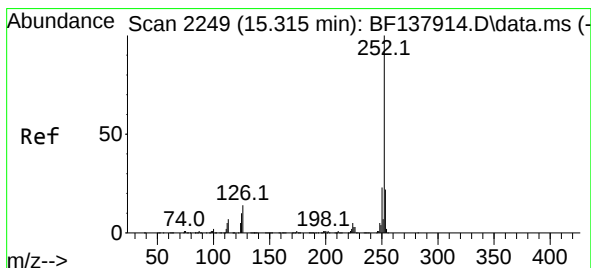
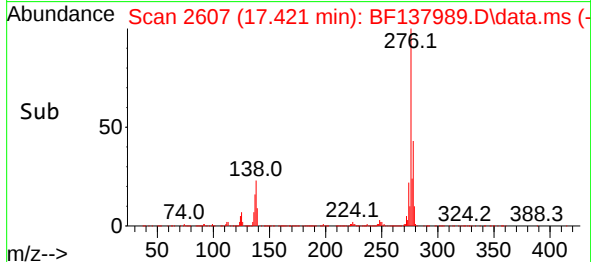
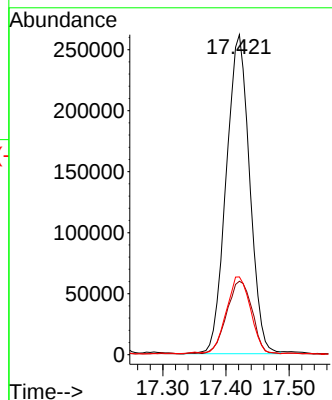
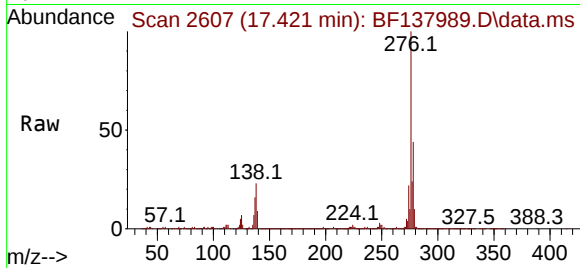




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 33.380 ng
 RT: 17.421 min Scan# 2067
 Delta R.T. 0.012 min
 Lab File: BF137989.D
 Acq: 21 May 2024 20:46

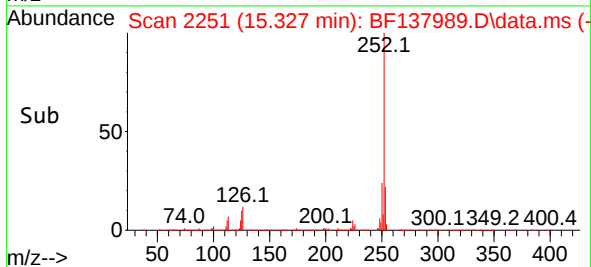
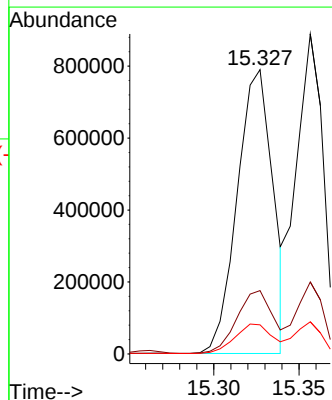
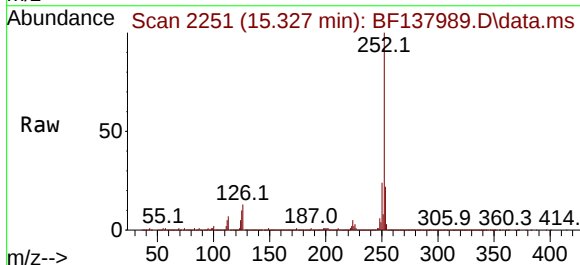
Instrument :
 BNA_F
 ClientSampleId :
 POLE-SLEEVE-SOILMS

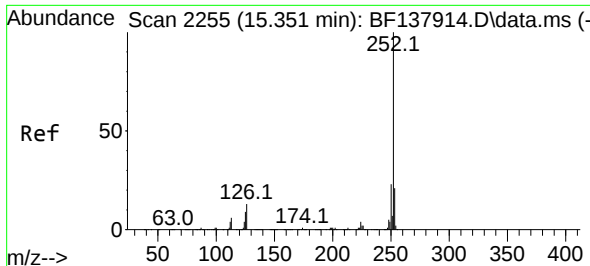
Tgt Ion:276 Resp: 674204
 Ion Ratio Lower Upper
 276 100
 138 24.4 20.6 30.8
 277 24.9 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 63.197 ng
 RT: 15.327 min Scan# 2251
 Delta R.T. 0.012 min
 Lab File: BF137989.D
 Acq: 21 May 2024 20:46

Tgt Ion:252 Resp: 1150334
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.6 26.4
 125 10.2 8.2 12.4

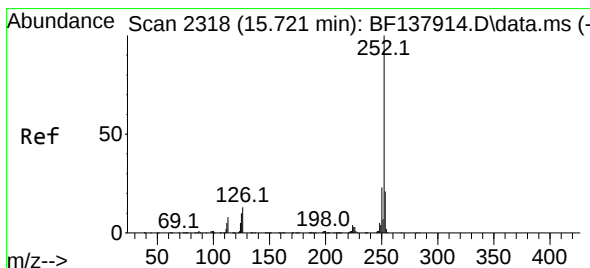
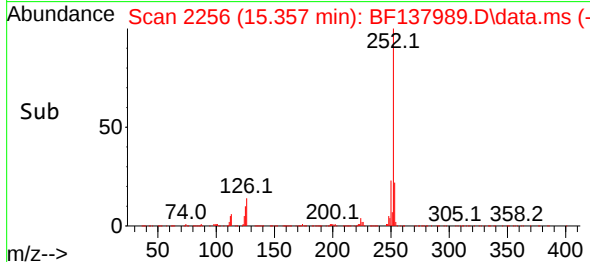
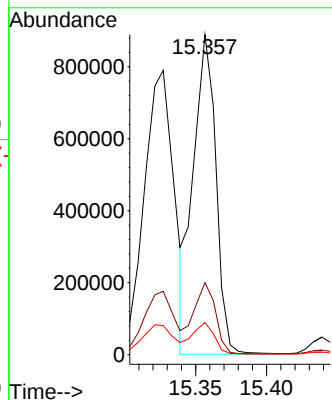
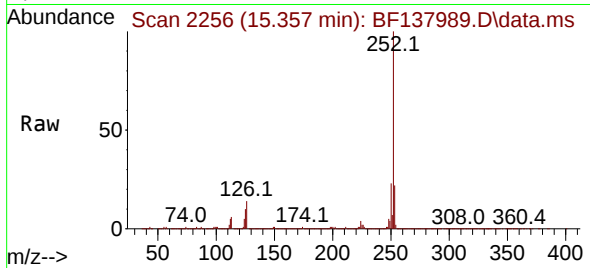




#89
Benzo(k)fluoranthene
Concen: 55.067 ng
RT: 15.357 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

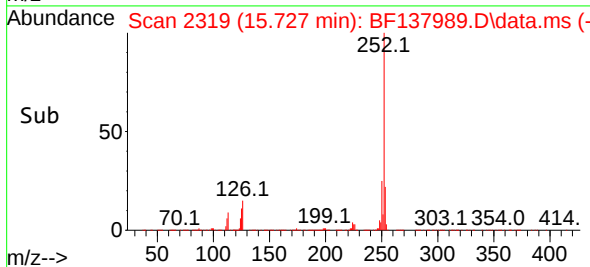
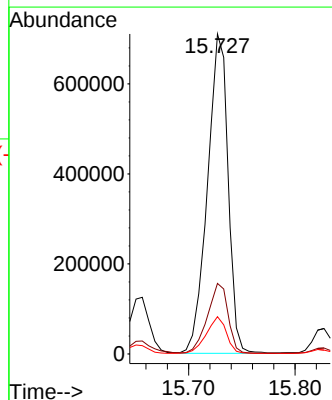
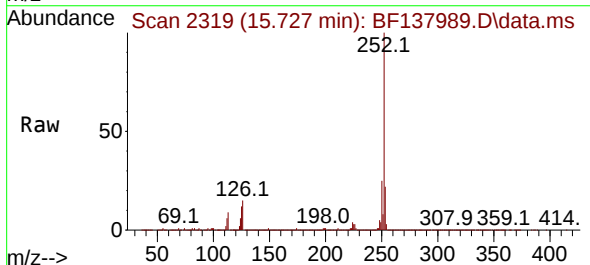
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMS

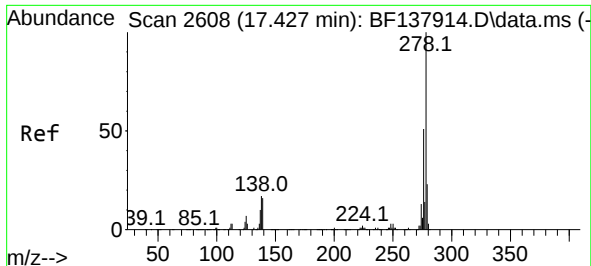
Tgt Ion:252 Resp: 984723
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 10.0 7.7 11.5



#90
Benzo(a)pyrene
Concen: 61.417 ng
RT: 15.727 min Scan# 2319
Delta R.T. 0.006 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

Tgt Ion:252 Resp: 954617
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 11.6 7.8 11.8

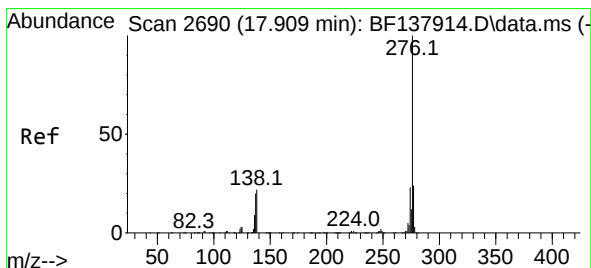
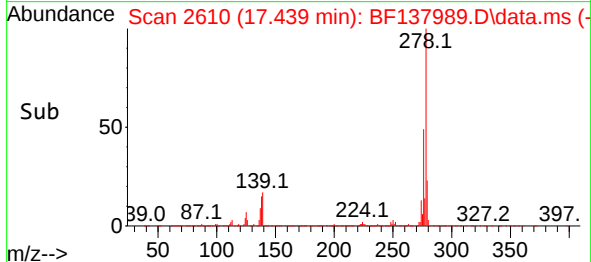
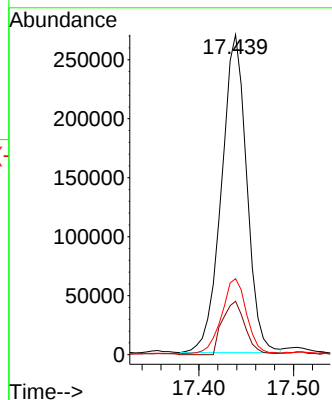
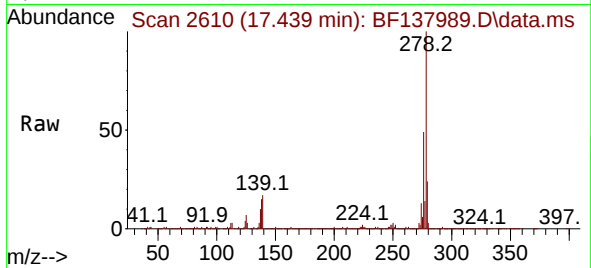




#91
Dibenzo(a,h)anthracene
Concen: 29.933 ng
RT: 17.439 min Scan# 2610
Delta R.T. 0.012 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMS

Tgt Ion:278 Resp: 499505
Ion Ratio Lower Upper
278 100
139 16.7 13.1 19.7
279 23.8 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 28.716 ng
RT: 17.915 min Scan# 2691
Delta R.T. 0.006 min
Lab File: BF137989.D
Acq: 21 May 2024 20:46

Tgt Ion:276 Resp: 503400
Ion Ratio Lower Upper
276 100
277 23.7 18.9 28.3
138 22.3 17.6 26.4

