

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090524\
 Data File : BF139261.D
 Acq On : 05 Sep 2024 16:55
 Operator : RC/JU
 Sample : P2403-01
 Misc : LOD-MDL-SOIL-4ng
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

Quant Time: Sep 05 17:25:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	125115	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	458226	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	250171	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	455918	20.000	ng	0.00
76) Chrysene-d12	14.045	240	225688	20.000	ng	0.00
86) Perylene-d12	15.521	264	210287	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	841470	112.510	ng	0.00
7) Phenol-d6	6.510	99	1129938	113.170	ng	0.00
23) Nitrobenzene-d5	7.451	82	720073	81.750	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	245578	113.679	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1259104	77.691	ng	0.00
79) Terphenyl-d14	12.992	244	1060766	75.888	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	14088	4.045	ng	99
3) Pyridine	3.481	79	29591	3.520	ng	98
4) n-Nitrosodimethylamine	3.369	42	20427	3.742	ng	# 97
6) Aniline	6.551	93	43934	4.785	ng	98
8) 2-Chlorophenol	6.669	128	32192	4.153	ng	# 75
9) Benzaldehyde	6.440	77	28291	4.681	ng	98
10) Phenol	6.522	94	42928	4.076	ng	# 29
11) bis(2-Chloroethyl)ether	6.622	93	31753	4.208	ng	99
12) 1,3-Dichlorobenzene	6.828	146	35789	4.079	ng	98
13) 1,4-Dichlorobenzene	6.904	146	35893	4.087	ng	96
14) 1,2-Dichlorobenzene	7.057	146	32914	4.019	ng	96
15) Benzyl Alcohol	7.022	79	39216	5.386	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	60483	4.211	ng	99
17) 2-Methylphenol	7.128	107	25206	3.981	ng	97
18) Hexachloroethane	7.398	117	11953	3.811	ng	98
19) n-Nitroso-di-n-propyla...	7.293	70	22874	3.978	ng	96
20) 3+4-Methylphenols	7.281	107	32784	4.108	ng	99
22) Acetophenone	7.287	105	47819	4.380	ng	97
24) Nitrobenzene	7.463	77	37517	4.013	ng	97
25) Isophorone	7.698	82	60997	4.051	ng	99
26) 2-Nitrophenol	7.781	139	13228	3.603	ng	99
27) 2,4-Dimethylphenol	7.816	122	20085	3.835	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	35674	3.976	ng	99
29) 2,4-Dichlorophenol	8.016	162	24959	3.981	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	28395	3.965	ng	98
31) Naphthalene	8.192	128	95108	4.099	ng	99
33) 4-Chloroaniline	8.234	127	35206	4.382	ng	98
34) Hexachlorobutadiene	8.310	225	17767	3.915	ng	99
35) Caprolactam	8.557	113	6911	3.560	ng	98
36) 4-Chloro-3-methylphenol	8.710	107	25768	3.771	ng	96
37) 2-Methylnaphthalene	8.881	142	60224	4.148	ng	99
38) 1-Methylnaphthalene	8.981	142	55841	3.911	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	29313	4.141	ng	99
41) Hexachlorocyclopentadiene	9.034	237	7896	3.471	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	17307	3.737	ng	97
44) 2,4,5-Trichlorophenol	9.192	196	17652	3.637	ng	97

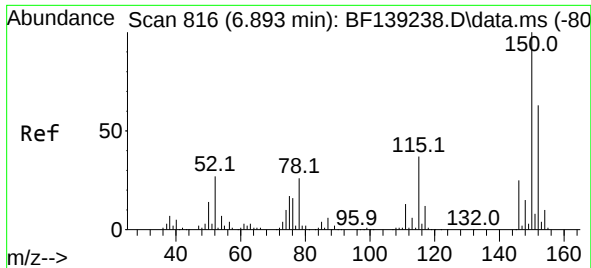
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090524\
 Data File : BF139261.D
 Acq On : 05 Sep 2024 16:55
 Operator : RC/JU
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 Misc : LOD-MDL-SOIL-4ng
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
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 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.345	154	81477	4.396	ng	100
47) 2-Chloronaphthalene	9.369	162	57196	4.087	ng	98
48) 2-Nitroaniline	9.457	65	17688	3.669	ng	92
49) Acenaphthylene	9.781	152	92400	4.383	ng	99
50) Dimethylphthalate	9.639	163	62049	4.092	ng	99
51) 2,6-Dinitrotoluene	9.698	165	11966	3.479	ng	95
52) Acenaphthene	9.957	154	52903	3.784	ng	94
53) 3-Nitroaniline	9.869	138	12997	3.546	ng	92
54) 2,4-Dinitrophenol	9.975	184	1338	8.198	ng	# 43
55) Dibenzofuran	10.128	168	86436	4.312	ng	97
56) 4-Nitrophenol	10.016	139	6824	2.523	ng	92
57) 2,4-Dinitrotoluene	10.098	165	15058	3.439	ng	99
58) Fluorene	10.469	166	64764	4.167	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	13783	3.608	ng	# 98
60) Diethylphthalate	10.339	149	59463	3.985	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	31901	4.256	ng	96
62) 4-Nitroaniline	10.475	138	11659	3.342	ng	98
63) Azobenzene	10.622	77	62276	3.960	ng	98
66) n-Nitrosodiphenylamine	10.581	169	54381	4.098	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	17363	3.925	ng	97
68) Hexachlorobenzene	11.016	284	20079	3.965	ng	99
69) Atrazine	11.098	200	15221	4.971	ng	97
70) Pentachlorophenol	11.210	266	6451	2.205	ng	97
71) Phenanthrene	11.433	178	91876	4.314	ng	97
72) Anthracene	11.480	178	86123	4.139	ng	99
73) Carbazole	11.633	167	75696	3.893	ng	98
74) Di-n-butylphthalate	11.969	149	72299	3.631	ng	99
75) Fluoranthene	12.616	202	84102	3.939	ng	99
77) Benzidine	12.745	184	19610	4.315	ng	95
78) Pyrene	12.845	202	88969	4.081	ng	99
80) Butylbenzylphthalate	13.469	149	16286	3.173	ng	98
81) Benzo(a)anthracene	14.033	228	56874	3.947	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	14026	3.665	ng	99
83) Chrysene	14.069	228	55106	4.097	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	17793	2.954	ng	98
85) Di-n-octyl phthalate	14.645	149	26509	2.298	ng	96
87) Indeno(1,2,3-cd)pyrene	16.992	276	38039	2.896	ng	98
88) Benzo(b)fluoranthene	15.086	252	42750	3.530	ng	99
89) Benzo(k)fluoranthene	15.116	252	44491	4.097	ng	99
90) Benzo(a)pyrene	15.457	252	38523	3.746	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	28691	2.650	ng	97
92) Benzo(g,h,i)perylene	17.433	276	30798	2.756	ng	98

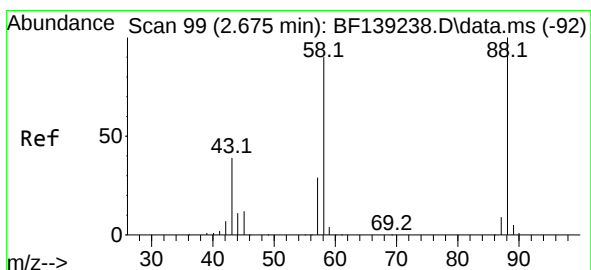
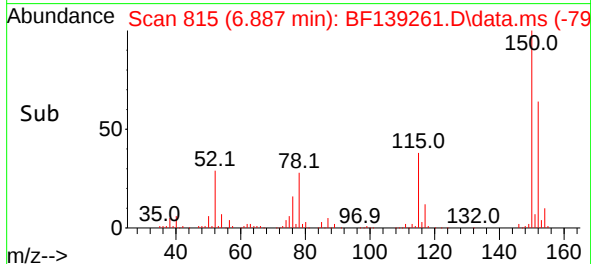
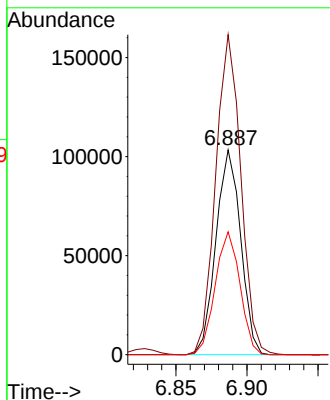
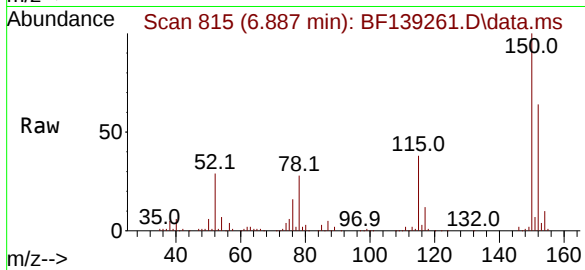
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 816
 Delta R.T. -0.006 min
 Lab File: BF139261.D
 Acq: 05 Sep 2024 16:55

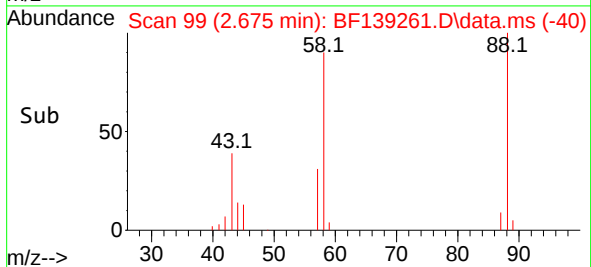
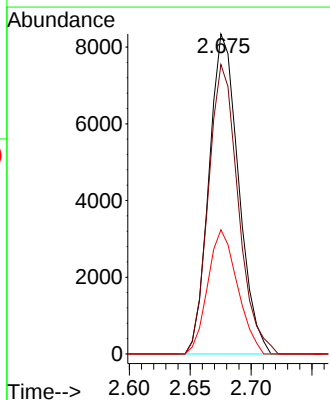
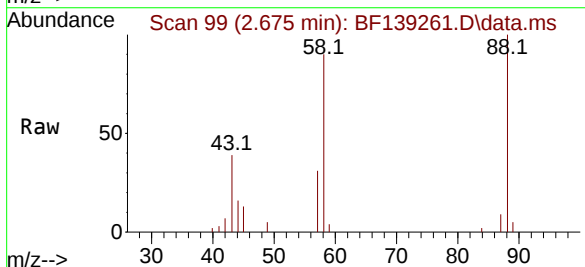
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

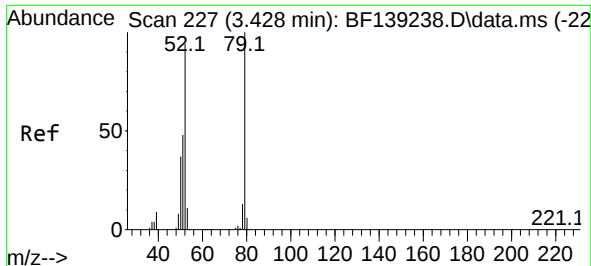
Tgt Ion:152 Resp: 125115
 Ion Ratio Lower Upper
 152 100
 150 156.2 127.0 190.4
 115 60.0 46.9 70.3



#2
 1,4-Dioxane
 Concen: 4.045 ng
 RT: 2.675 min Scan# 99
 Delta R.T. -0.000 min
 Lab File: BF139261.D
 Acq: 05 Sep 2024 16:55

Tgt Ion: 88 Resp: 14088
 Ion Ratio Lower Upper
 88 100
 58 91.2 72.5 108.7
 43 38.9 31.4 47.2





#3

Pyridine

Concen: 3.520 ng

RT: 3.481 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF139261.D

Acq: 05 Sep 2024 16:55

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

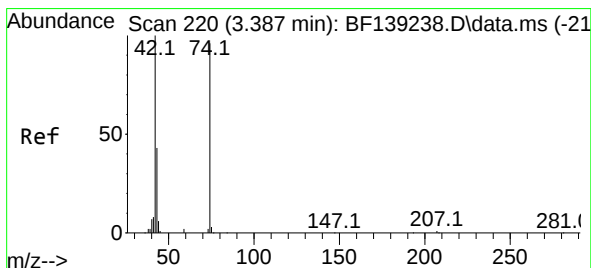
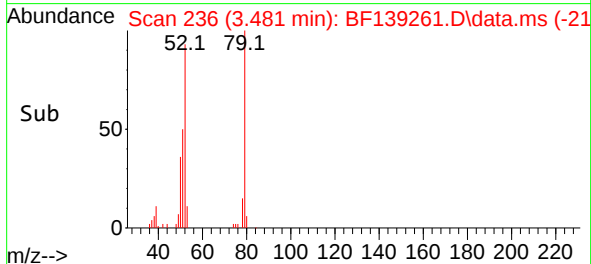
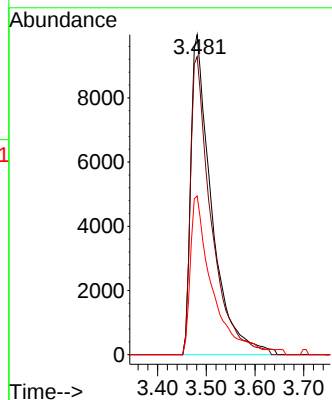
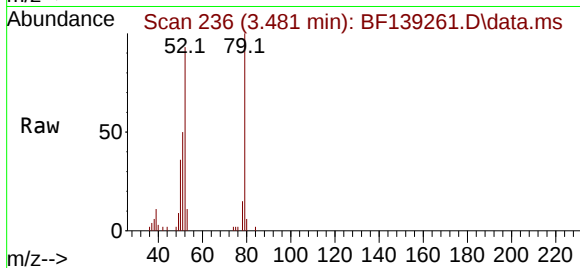
Tgt Ion: 79 Resp: 29591

Ion Ratio Lower Upper

79 100

52 93.1 75.3 112.9

51 49.6 38.2 57.2



#4

n-Nitrosodimethylamine

Concen: 3.742 ng

RT: 3.369 min Scan# 217

Delta R.T. -0.018 min

Lab File: BF139261.D

Acq: 05 Sep 2024 16:55

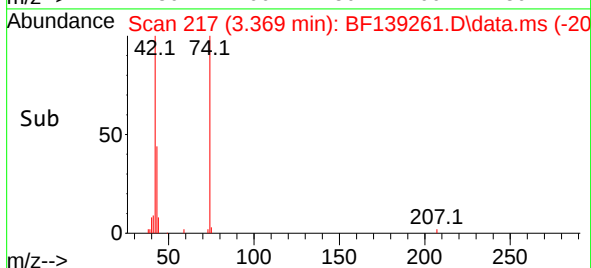
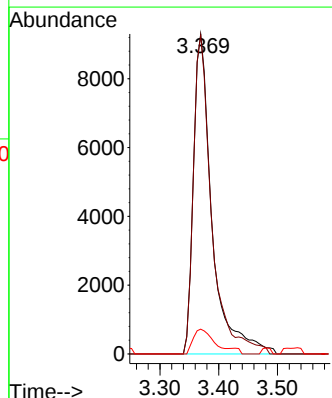
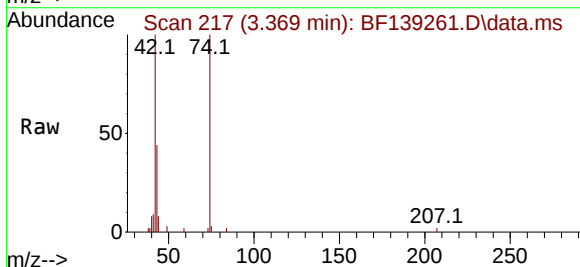
Tgt Ion: 42 Resp: 20427

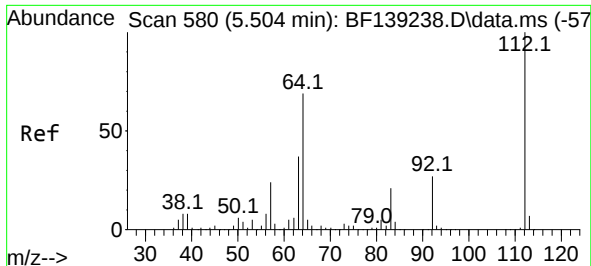
Ion Ratio Lower Upper

42 100

74 99.6 77.2 115.8

44 7.7 5.1 7.7#

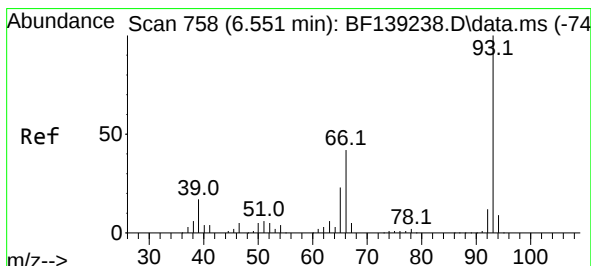
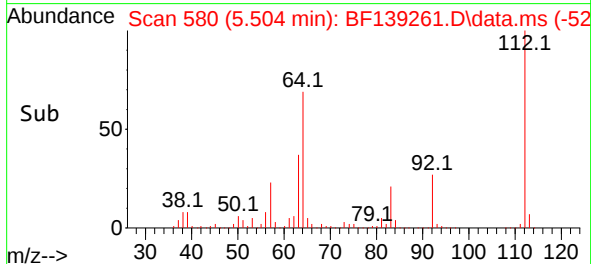
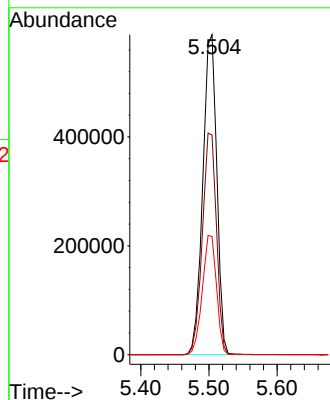
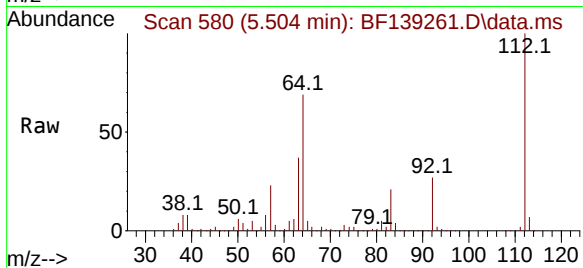




#5
2-Fluorophenol
Concen: 112.510 ng
RT: 5.504 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

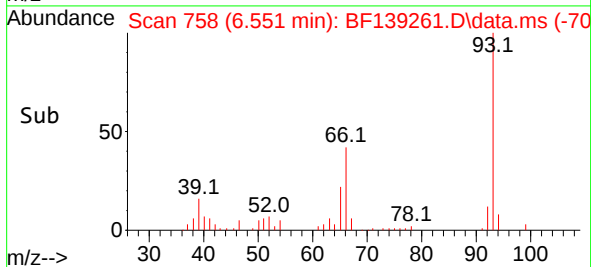
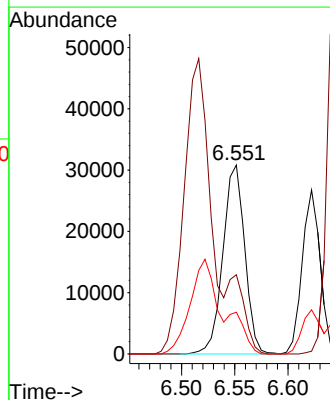
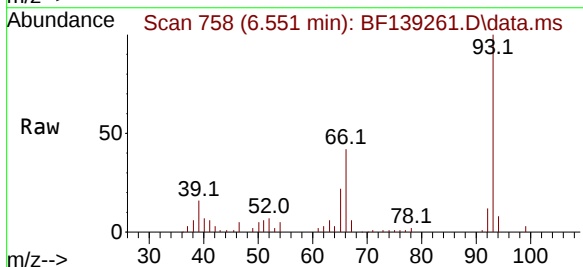
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

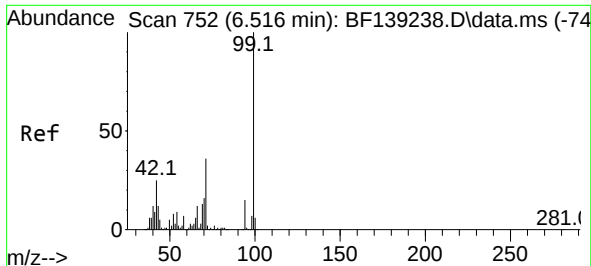
Tgt Ion:112 Resp: 841470
Ion Ratio Lower Upper
112 100
64 68.7 55.0 82.4
63 37.0 29.9 44.9



#6
Aniline
Concen: 4.785 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

Tgt Ion: 93 Resp: 43934
Ion Ratio Lower Upper
93 100
66 41.9 34.4 51.6
65 22.1 18.2 27.4





#7

Phenol-d6

Concen: 113.170 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139261.D

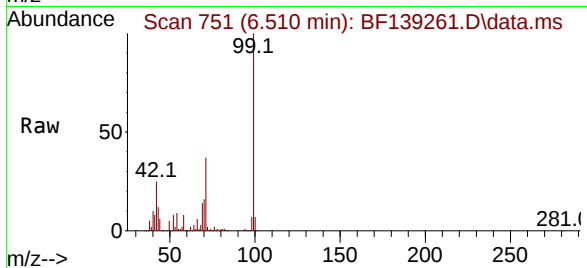
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Instrument :

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ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024



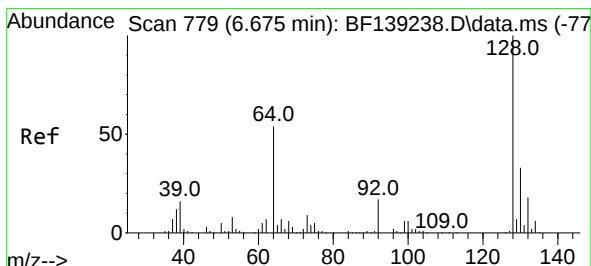
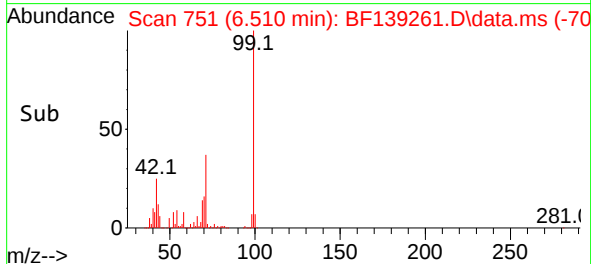
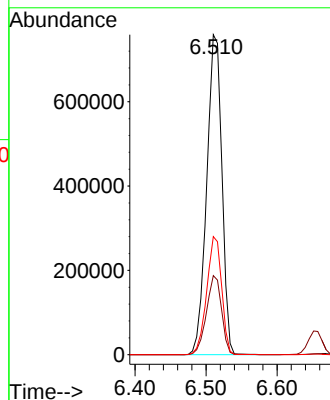
Tgt Ion: 99 Resp: 1129938

Ion Ratio Lower Upper

99 100

42 24.7 19.8 29.6

71 36.9 28.8 43.2



#8

2-Chlorophenol

Concen: 4.153 ng

RT: 6.669 min Scan# 778

Delta R.T. -0.006 min

Lab File: BF139261.D

Acq: 05 Sep 2024 16:55

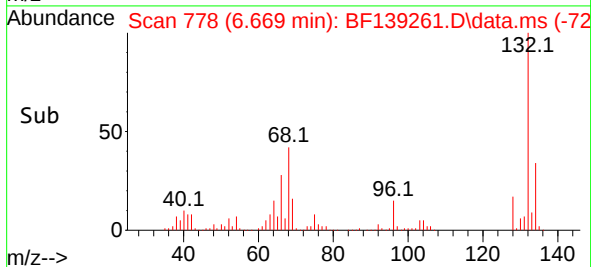
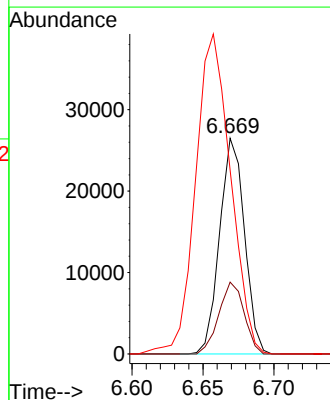
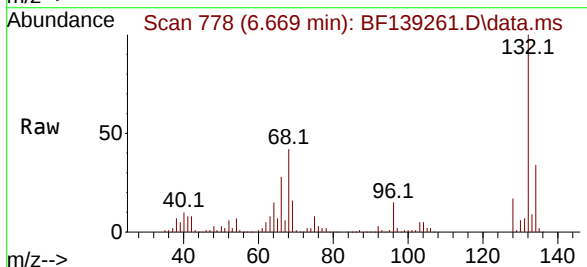
Tgt Ion:128 Resp: 32192

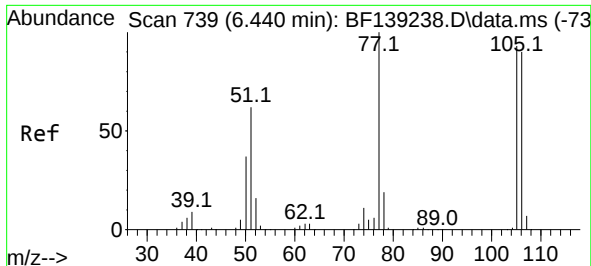
Ion Ratio Lower Upper

128 100

130 33.3 12.7 52.7

64 85.3 36.6 76.6#

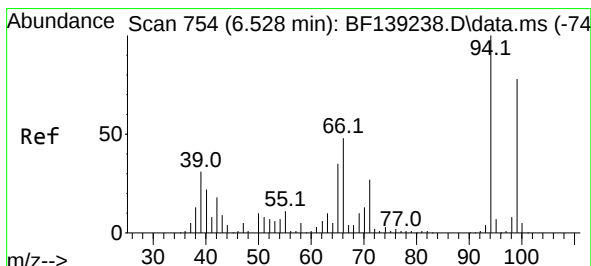
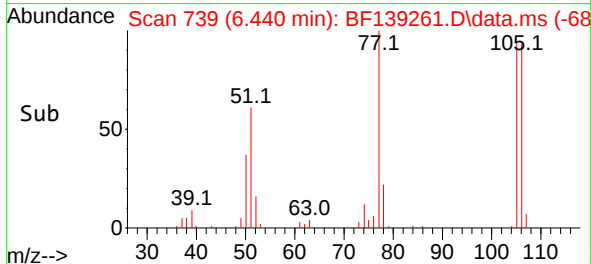
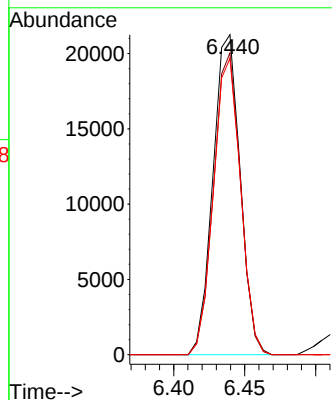
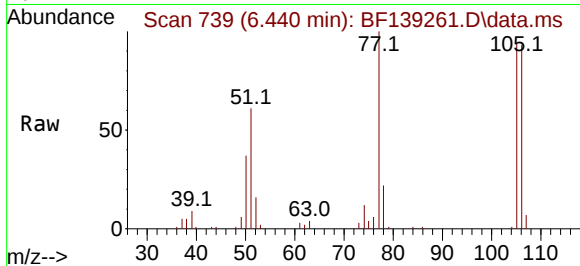




#9
Benzaldehyde
Concen: 4.681 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

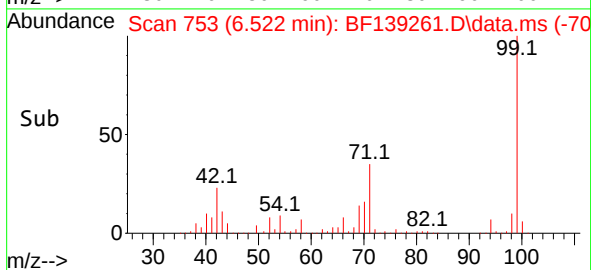
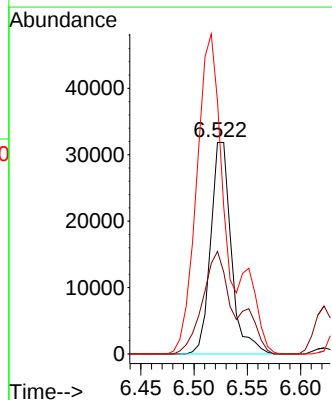
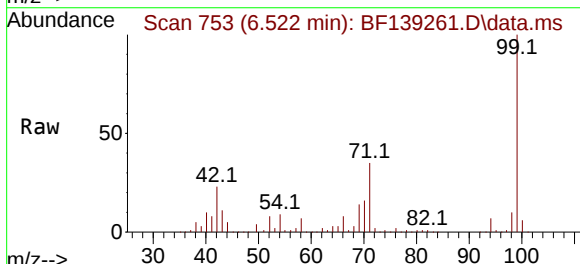
Instrument :
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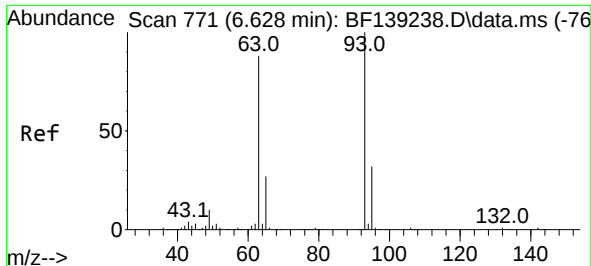
Tgt Ion:	77	Resp:	28291
Ion	Ratio	Lower	Upper
77	100		
105	94.3	72.9	112.9
106	92.6	69.6	109.6



#10
Phenol
Concen: 4.076 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

Tgt Ion:	94	Resp:	42928
Ion	Ratio	Lower	Upper
94	100		
65	48.5	14.7	54.7
66	119.6	28.5	68.5#

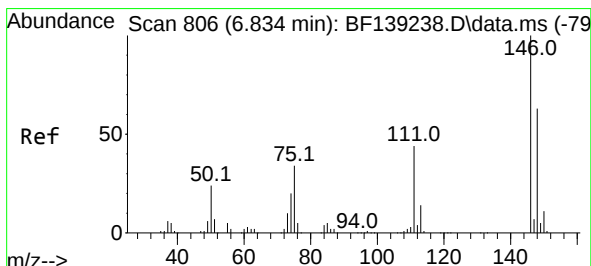
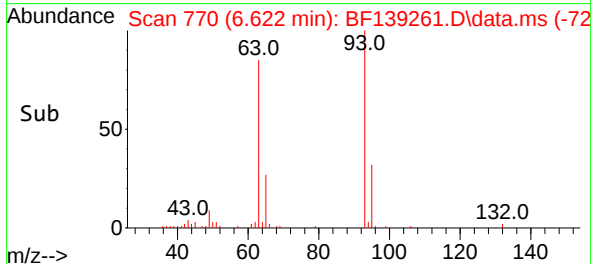
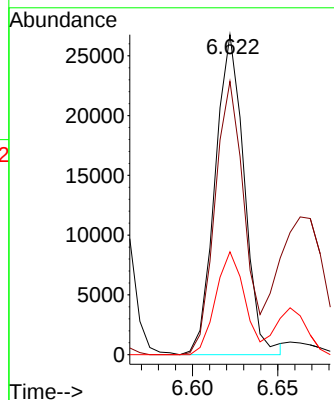
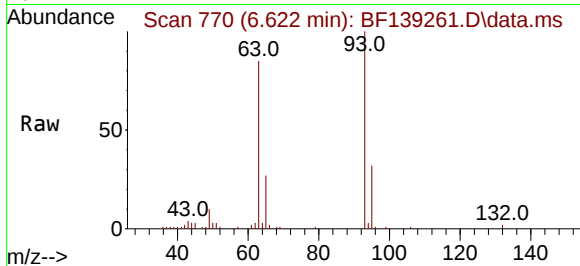




#11
bis(2-Chloroethyl)ether
Concen: 4.208 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

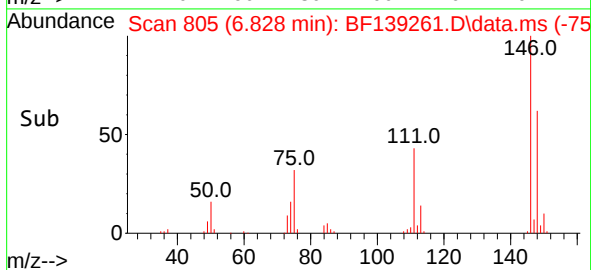
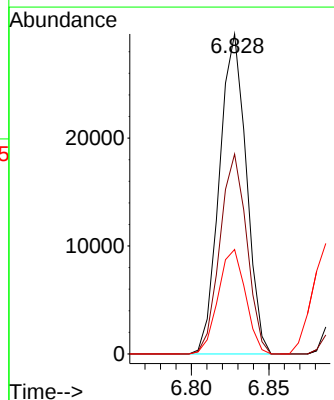
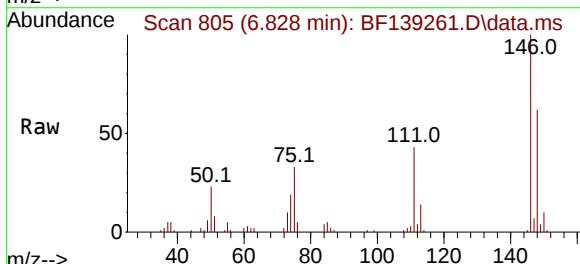
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

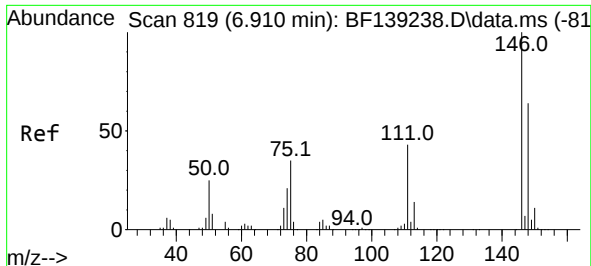
Tgt Ion: 93 Resp: 31753
Ion Ratio Lower Upper
93 100
63 85.4 67.1 107.1
95 32.1 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 4.079 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

Tgt Ion: 146 Resp: 35789
Ion Ratio Lower Upper
146 100
148 62.4 50.8 76.2
75 32.7 27.3 40.9

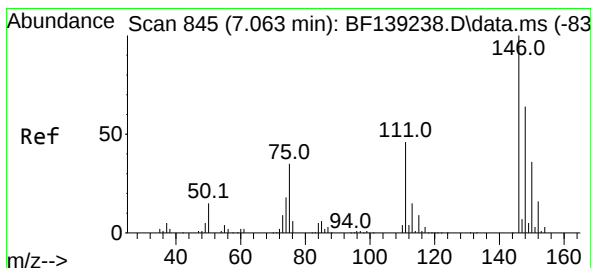
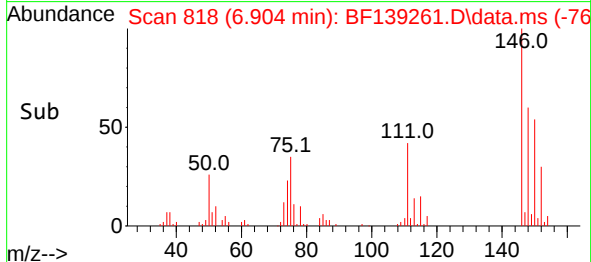
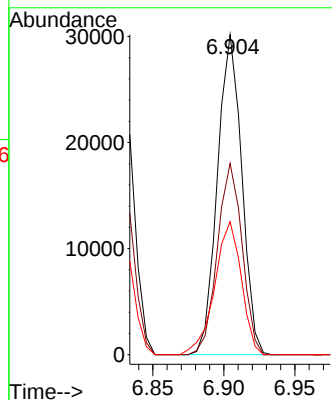
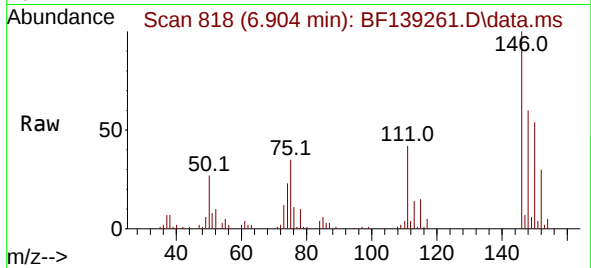




#13
1,4-Dichlorobenzene
Concen: 4.087 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

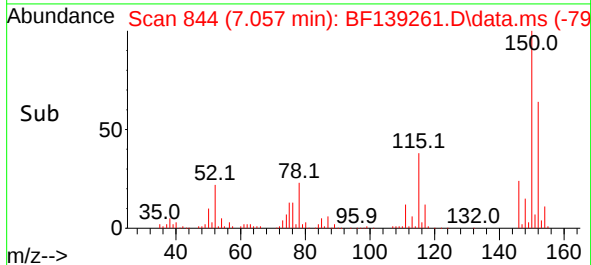
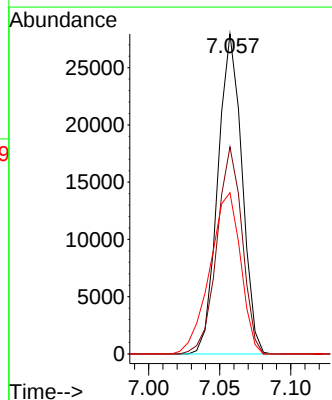
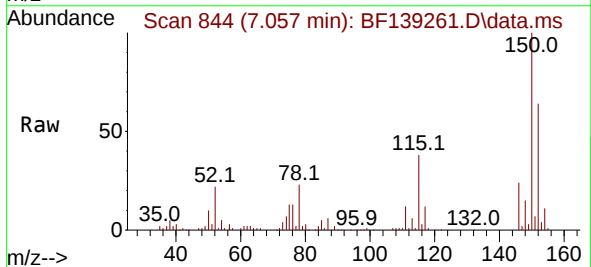
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

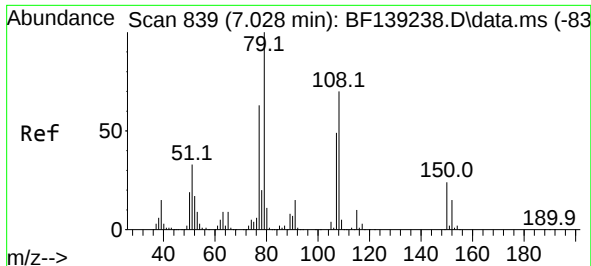
Tgt Ion:146 Resp: 35893
Ion Ratio Lower Upper
146 100
148 59.8 51.2 76.8
111 41.6 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 4.019 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

Tgt Ion:146 Resp: 32914
Ion Ratio Lower Upper
146 100
148 64.7 50.9 76.3
111 50.4 36.6 55.0

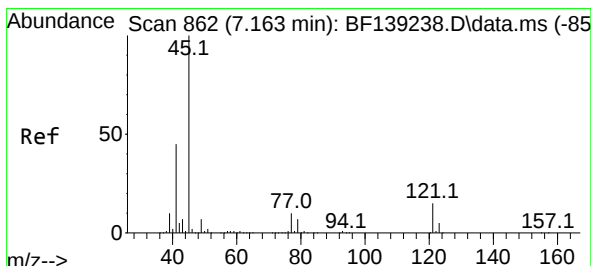
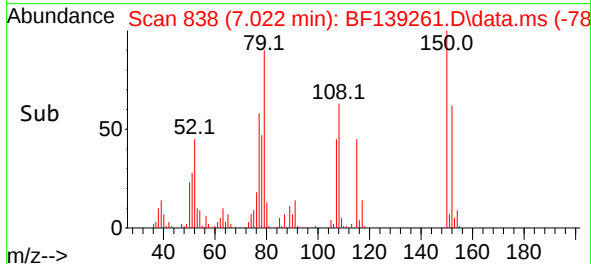
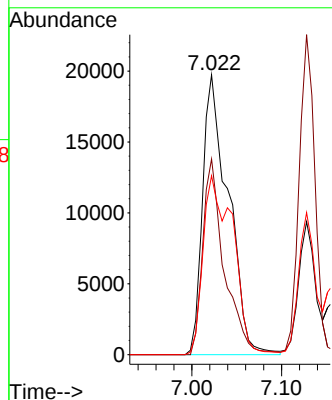
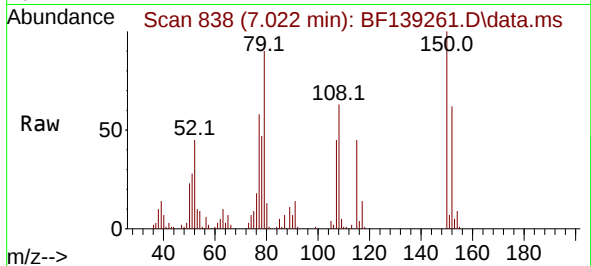




#15
Benzyl Alcohol
Concen: 5.386 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

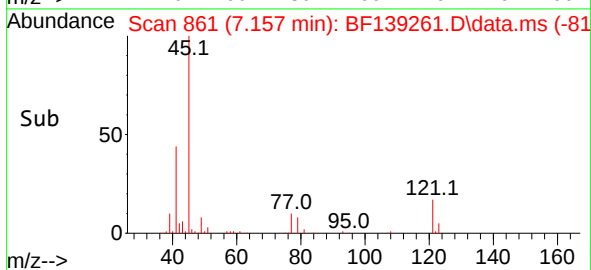
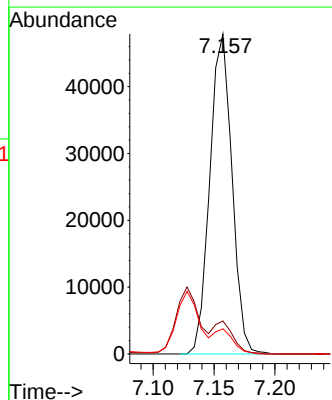
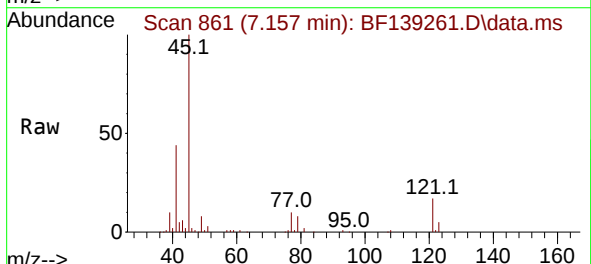
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

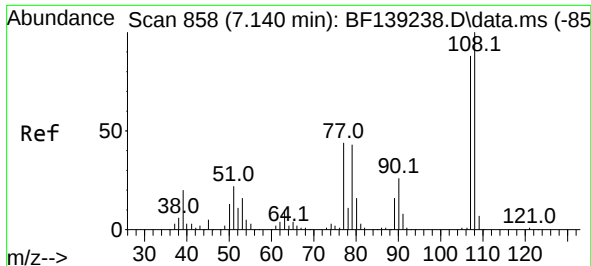
Tgt Ion: 79 Resp: 39216
Ion Ratio Lower Upper
79 100
108 69.9 56.1 84.1
77 63.9 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.211 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

Tgt Ion: 45 Resp: 60483
Ion Ratio Lower Upper
45 100
77 10.3 0.0 30.0
79 7.9 0.0 27.6

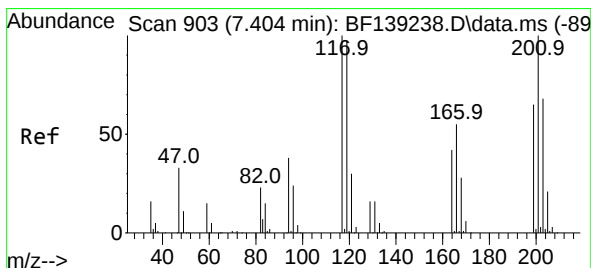
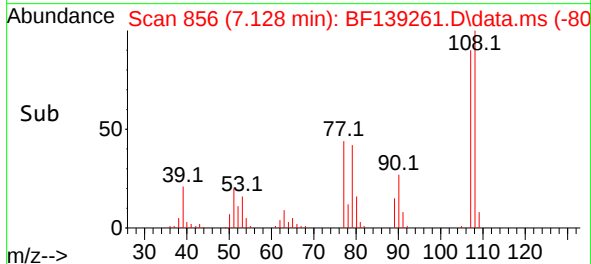
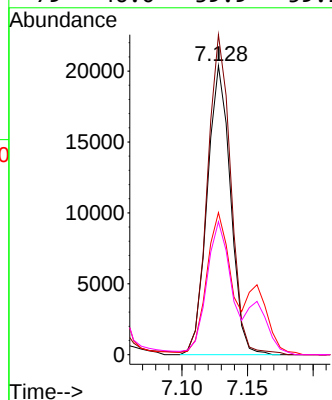
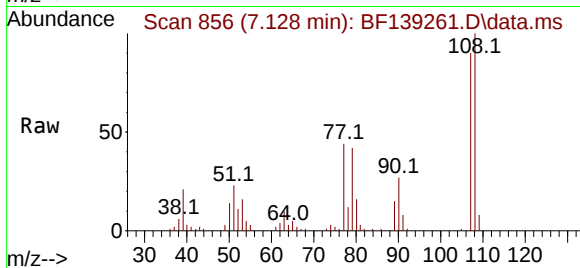




#17
2-Methylphenol
Concen: 3.981 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

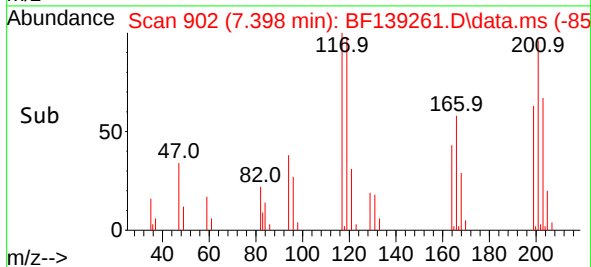
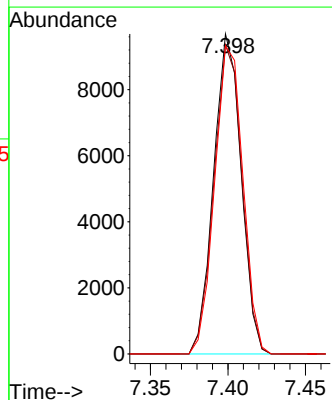
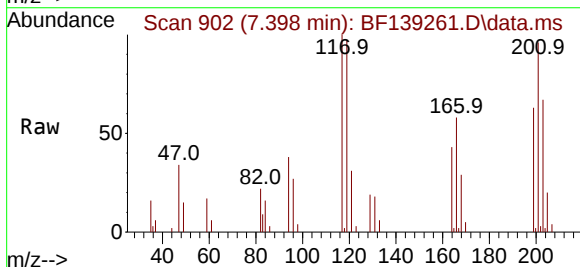
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:	107	Resp:	25206
Ion	Ratio	Lower	Upper
107	100		
108	110.7	91.4	137.2
77	49.2	40.1	60.1
79	46.0	39.9	59.9



#18
Hexachloroethane
Concen: 3.811 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

Tgt Ion:	117	Resp:	11953
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.4	116.2
201	96.3	80.0	120.0

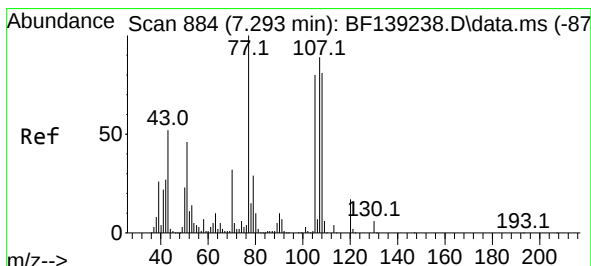
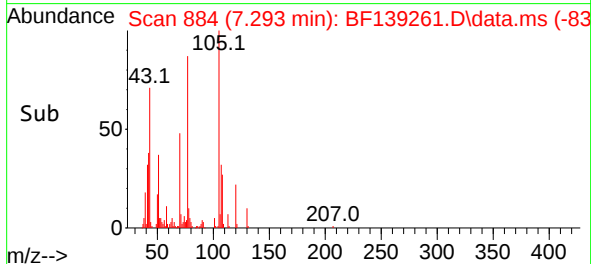
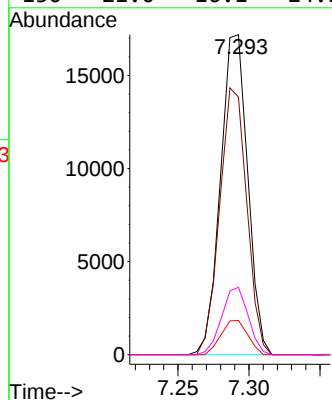
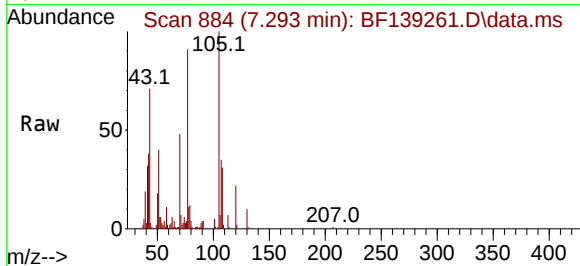




#19
n-Nitroso-di-n-propylamine
Concen: 3.978 ng
RT: 7.293 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

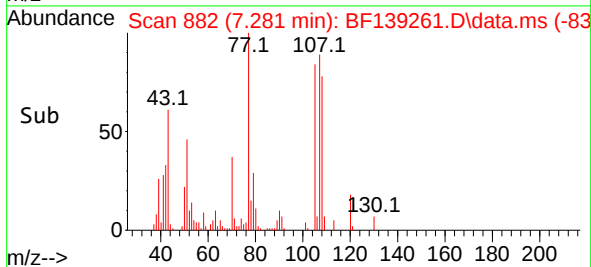
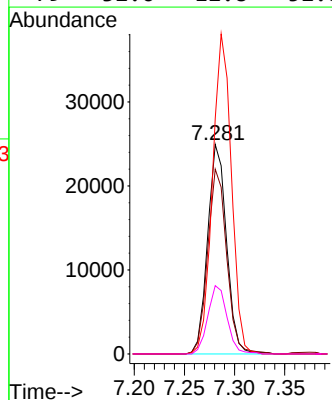
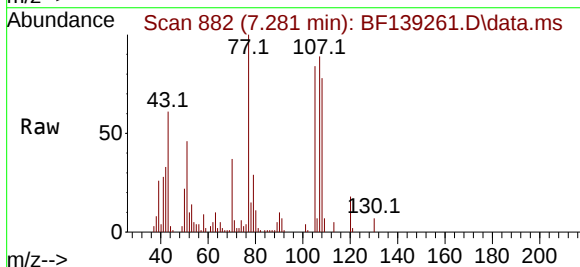
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

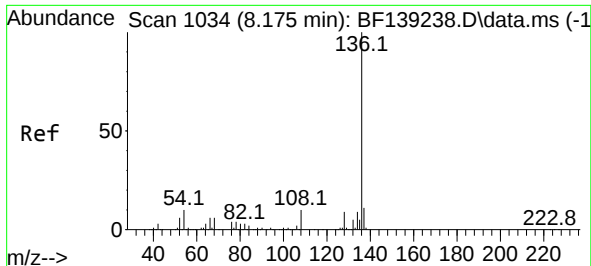
Tgt Ion:	70	Resp:	22874
Ion	Ratio	Lower	Upper
70	100		
42	80.5	61.0	91.6
101	10.7	7.2	10.8
130	21.0	16.1	24.1



#20
3+4-Methylphenols
Concen: 4.108 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

Tgt Ion:	107	Resp:	32784
Ion	Ratio	Lower	Upper
107	100		
108	88.2	70.4	110.4
77	112.4	92.2	132.2
79	32.6	12.8	52.8

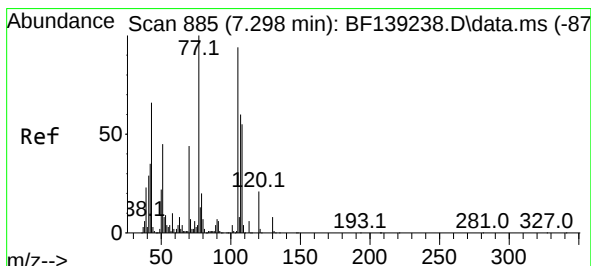
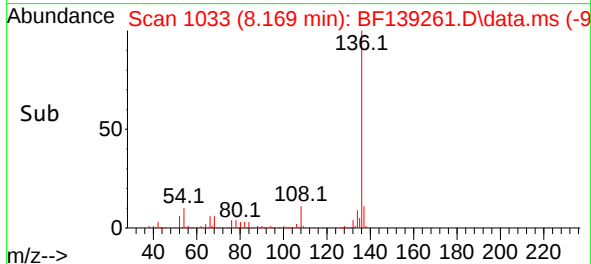
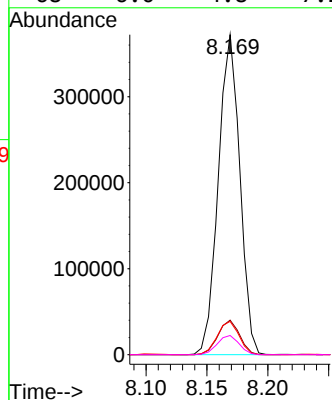
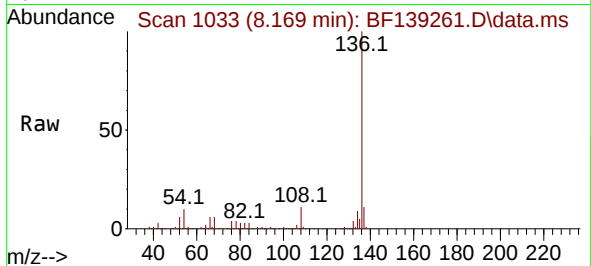




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

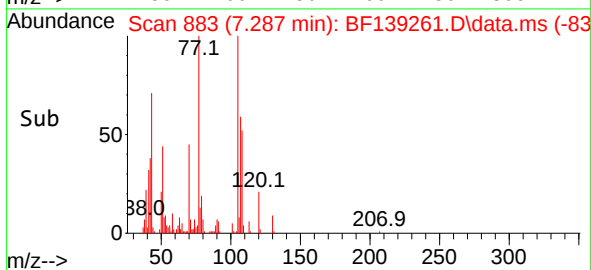
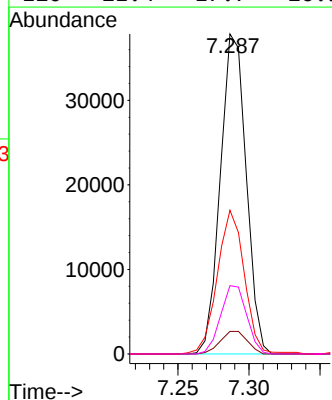
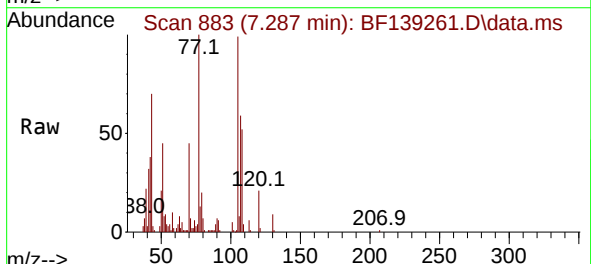
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

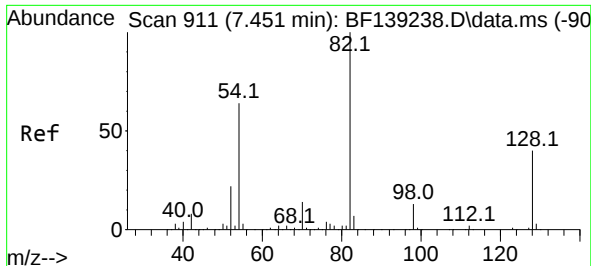
Tgt Ion:136 Resp: 458226
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.4 8.4 12.6
68 6.0 4.8 7.2



#22
Acetophenone
Concen: 4.380 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.012 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

Tgt Ion:105 Resp: 47819
Ion Ratio Lower Upper
105 100
71 7.1 6.2 9.2
51 44.9 38.2 57.2
120 21.4 17.7 26.5





#23

Nitrobenzene-d5

Concen: 81.750 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF139261.D

Acq: 05 Sep 2024 16:55

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

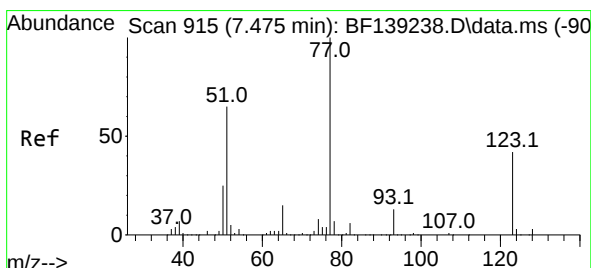
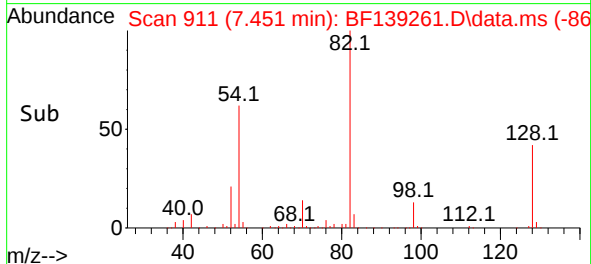
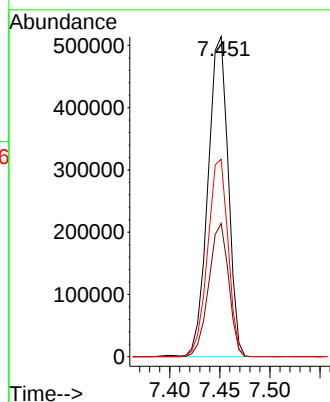
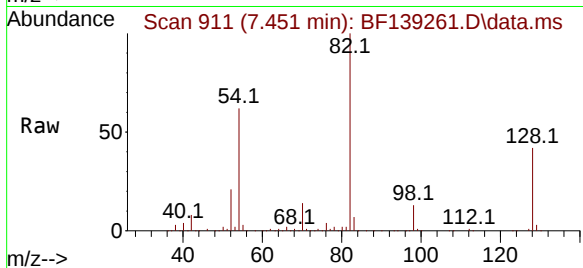
Tgt Ion: 82 Resp: 720073

Ion Ratio Lower Upper

82 100

128 41.6 32.3 48.5

54 61.7 51.2 76.8



#24

Nitrobenzene

Concen: 4.013 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.012 min

Lab File: BF139261.D

Acq: 05 Sep 2024 16:55

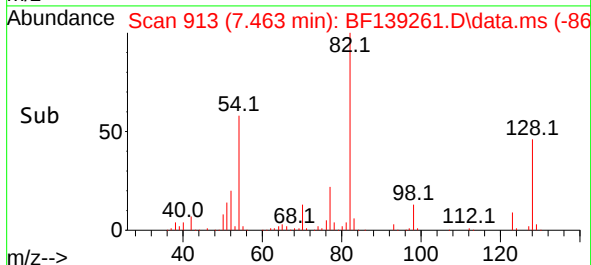
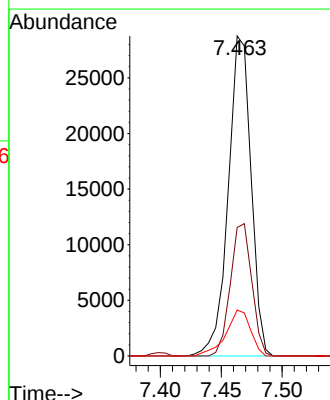
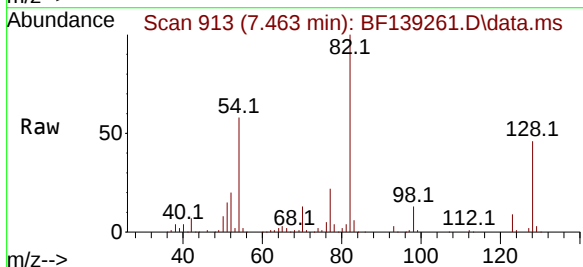
Tgt Ion: 77 Resp: 37517

Ion Ratio Lower Upper

77 100

123 40.2 34.0 51.0

65 14.3 12.1 18.1

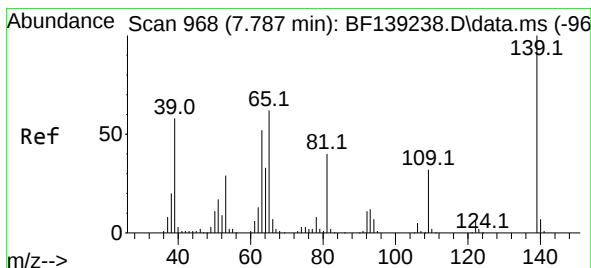
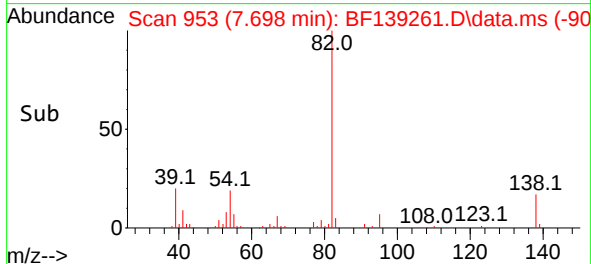
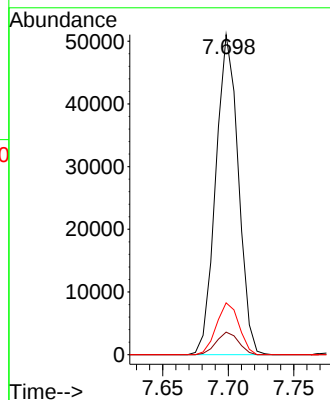
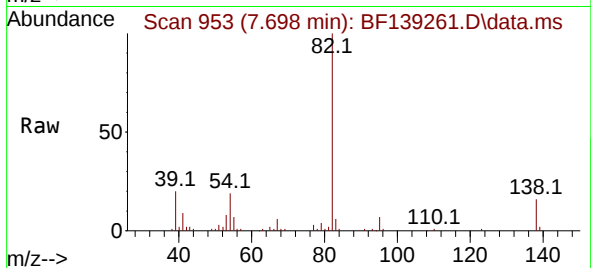




#25
Isophorone
Concen: 4.051 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

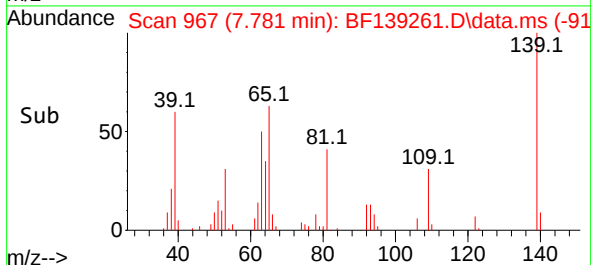
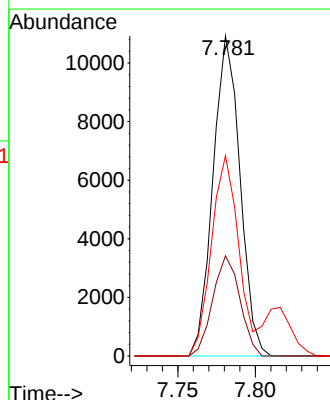
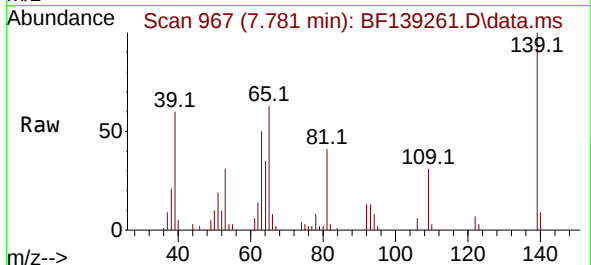
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 82 Resp: 60997
Ion Ratio Lower Upper
82 100
95 7.0 6.0 9.0
138 16.2 13.4 20.0



#26
2-Nitrophenol
Concen: 3.603 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

Tgt Ion: 139 Resp: 13228
Ion Ratio Lower Upper
139 100
109 31.3 25.4 38.2
65 62.6 49.4 74.2

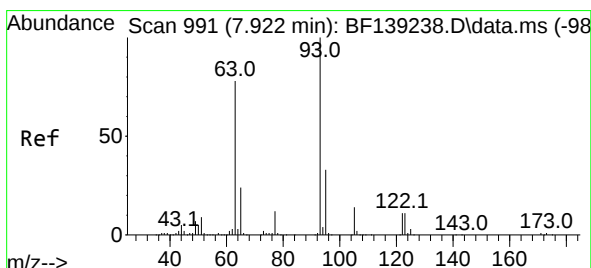
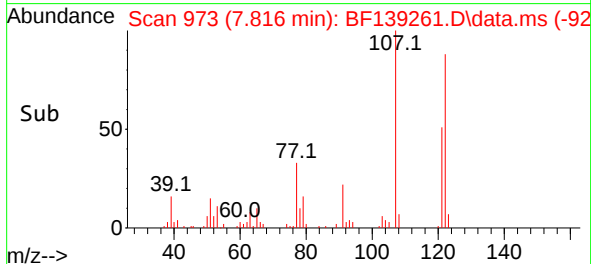
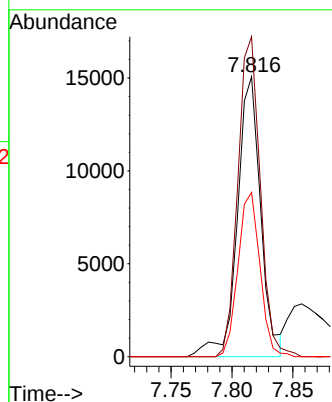
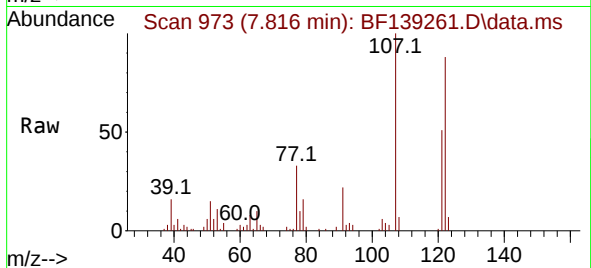




#27
2,4-Dimethylphenol
Concen: 3.835 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

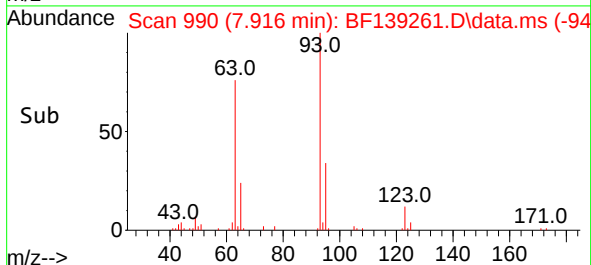
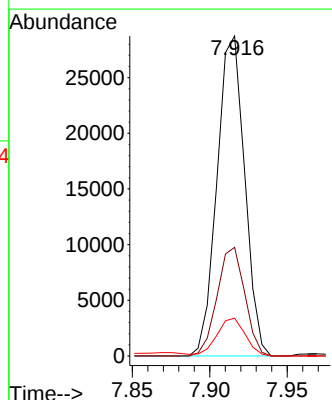
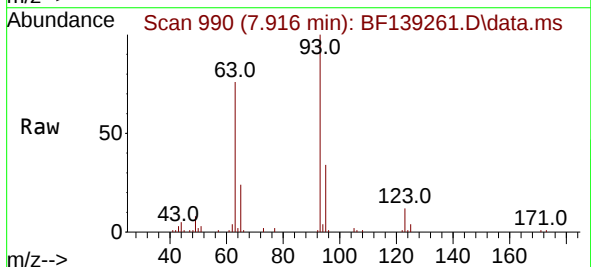
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

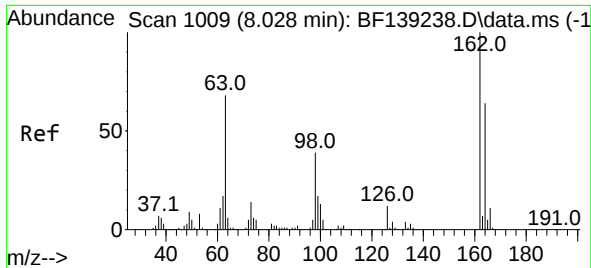
Tgt Ion:122 Resp: 20085
Ion Ratio Lower Upper
122 100
107 114.3 93.4 140.2
121 58.7 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 3.976 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

Tgt Ion: 93 Resp: 35674
Ion Ratio Lower Upper
93 100
95 34.0 26.6 40.0
123 11.8 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 3.981 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.012 min

Lab File: BF139261.D

Acq: 05 Sep 2024 16:55

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

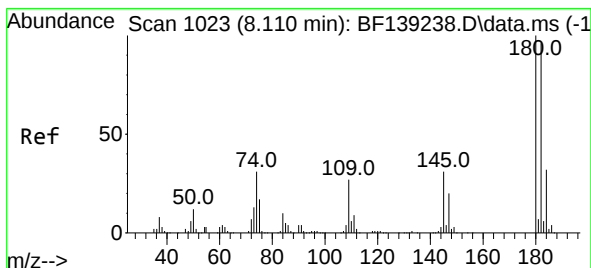
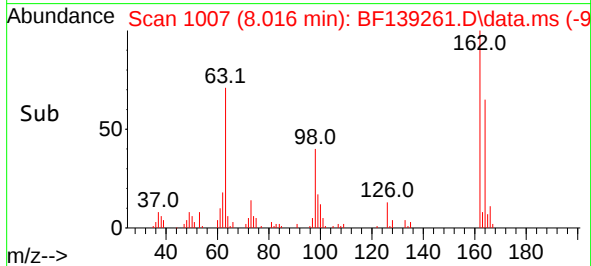
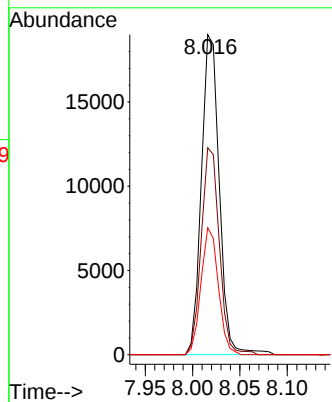
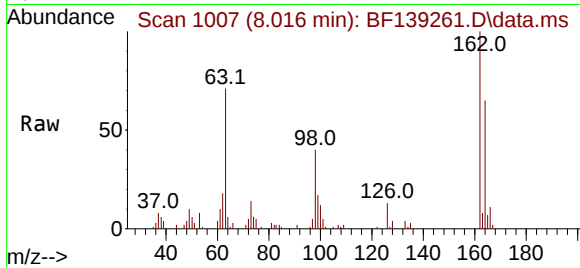
Tgt Ion:162 Resp: 24959

Ion Ratio Lower Upper

162 100

164 64.6 43.6 83.6

98 39.7 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 3.965 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF139261.D

Acq: 05 Sep 2024 16:55

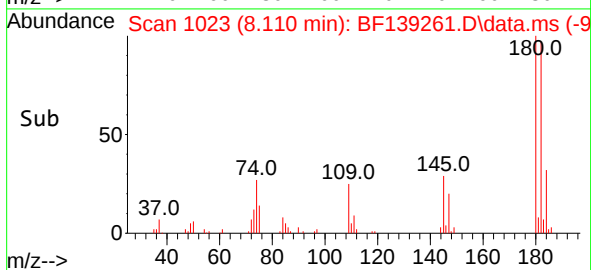
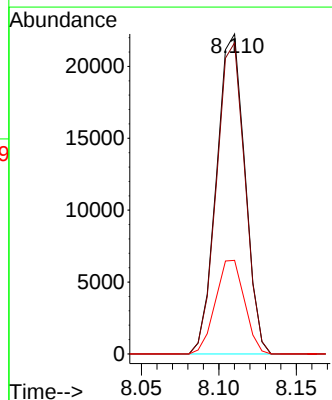
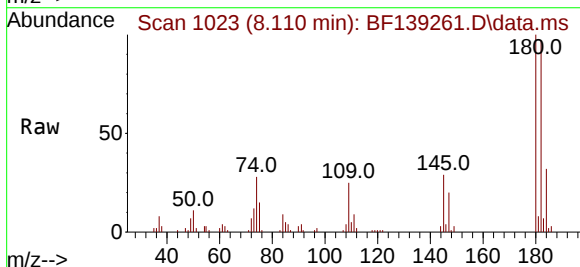
Tgt Ion:180 Resp: 28395

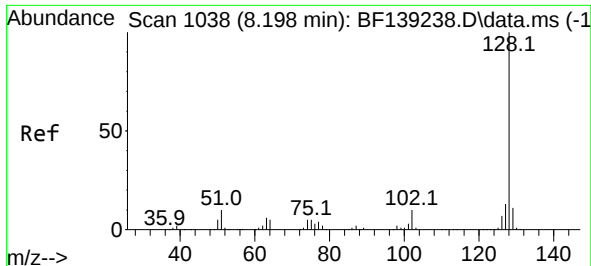
Ion Ratio Lower Upper

180 100

182 97.3 76.5 114.7

145 29.2 25.1 37.7

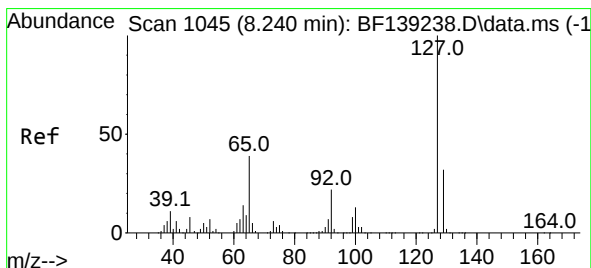
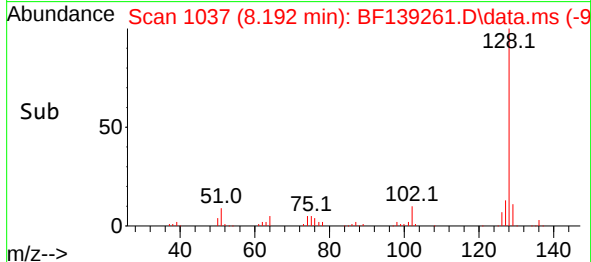
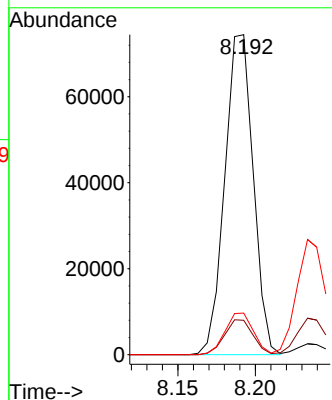
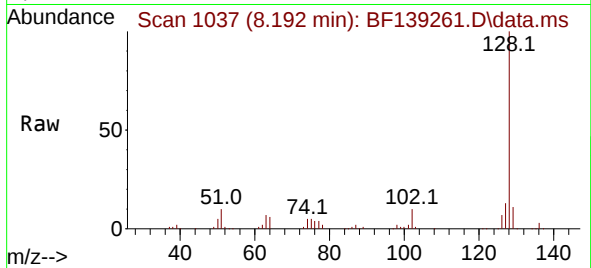




#31
Naphthalene
Concen: 4.099 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

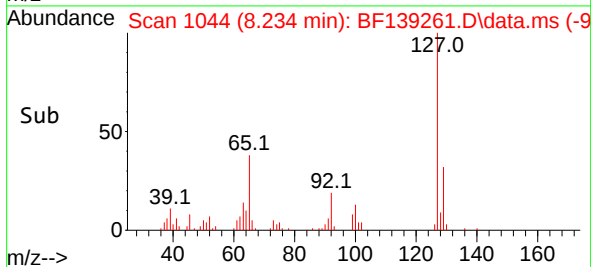
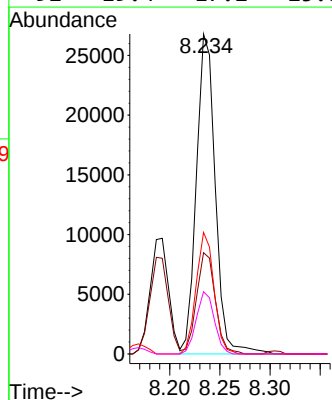
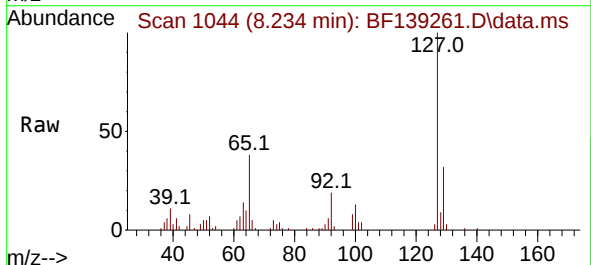
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

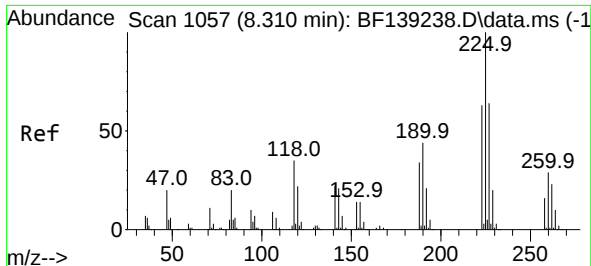
Tgt Ion:128 Resp: 95108
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.0 10.6 15.8



#33
4-Chloroaniline
Concen: 4.382 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

Tgt Ion:127 Resp: 35206
Ion Ratio Lower Upper
127 100
129 31.6 25.8 38.6
65 38.0 30.6 45.8
92 19.4 17.2 25.8

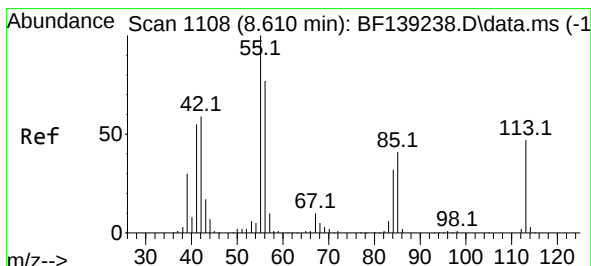
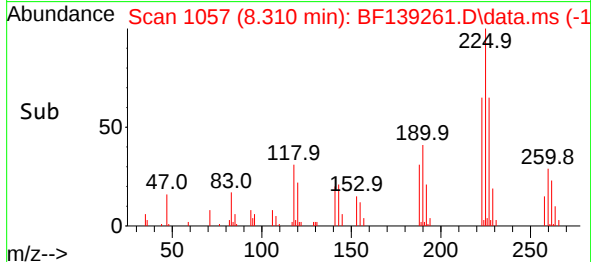
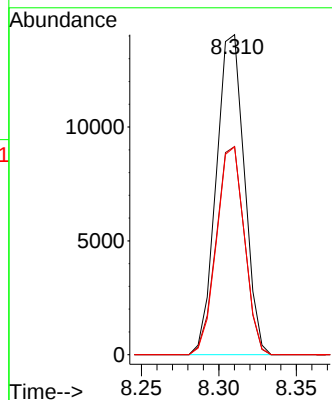
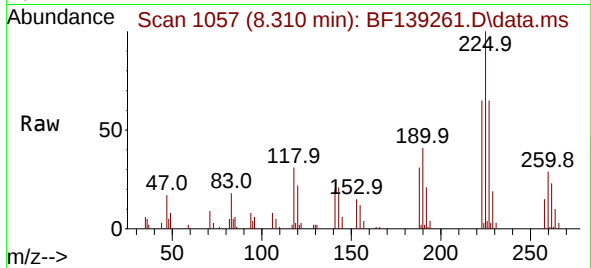




#34
Hexachlorobutadiene
Concen: 3.915 ng
RT: 8.310 min Scan# 1098
Delta R.T. -0.000 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

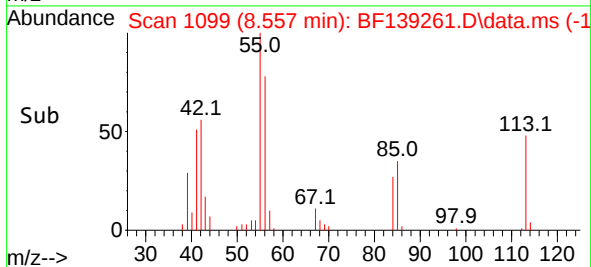
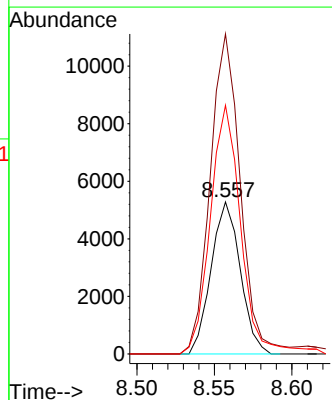
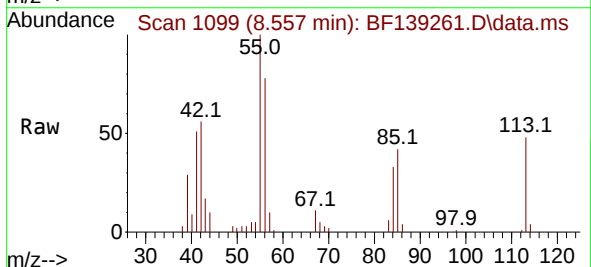
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

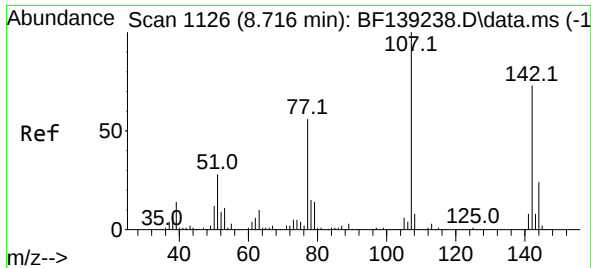
Tgt Ion:225 Resp: 17767
Ion Ratio Lower Upper
225 100
223 65.0 50.7 76.1
227 64.9 51.5 77.3



#35
Caprolactam
Concen: 3.560 ng
RT: 8.557 min Scan# 1099
Delta R.T. -0.053 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

Tgt Ion:113 Resp: 6911
Ion Ratio Lower Upper
113 100
55 210.4 193.7 233.7
56 163.6 145.0 185.0

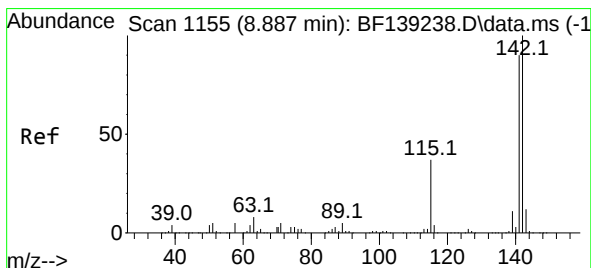
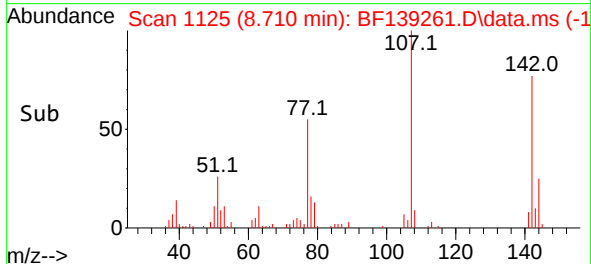
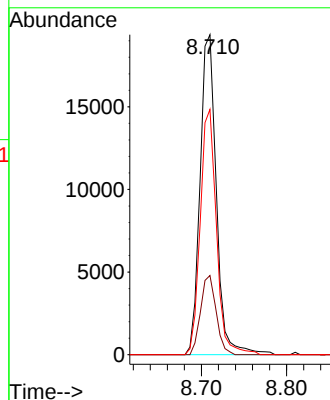
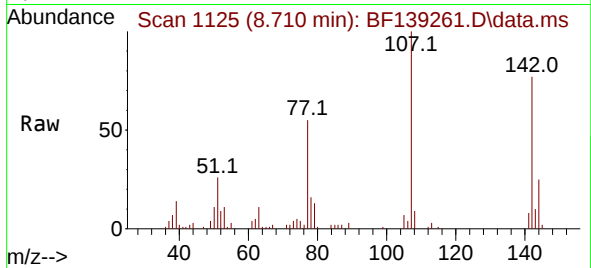




#36
4-Chloro-3-methylphenol
Concen: 3.771 ng
RT: 8.710 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

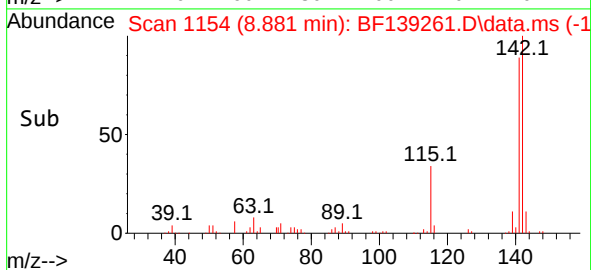
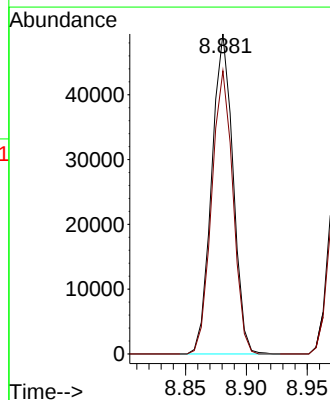
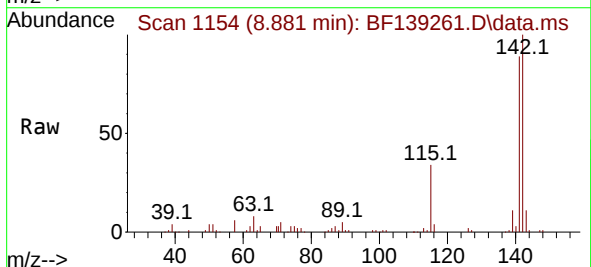
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

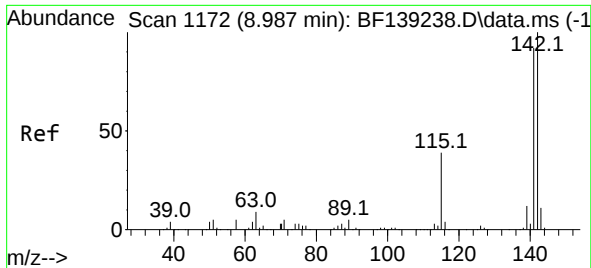
Tgt Ion:107 Resp: 25768
Ion Ratio Lower Upper
107 100
144 24.8 19.1 28.7
142 76.7 58.3 87.5



#37
2-Methylnaphthalene
Concen: 4.148 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

Tgt Ion:142 Resp: 60224
Ion Ratio Lower Upper
142 100
141 88.5 71.6 107.4

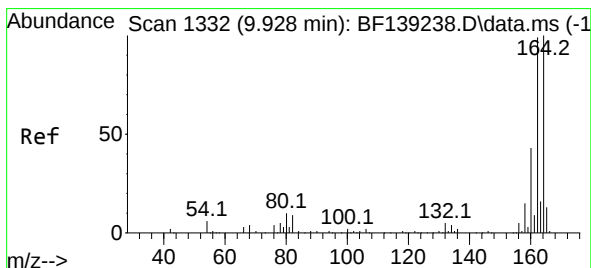
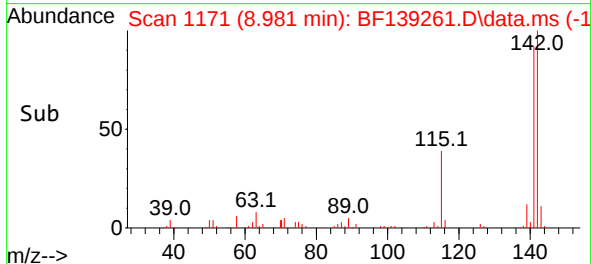
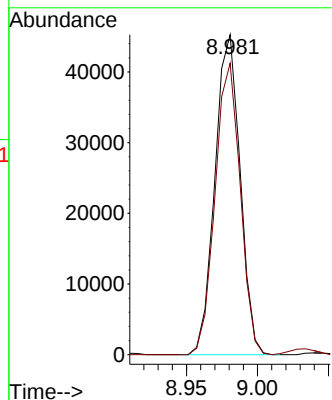
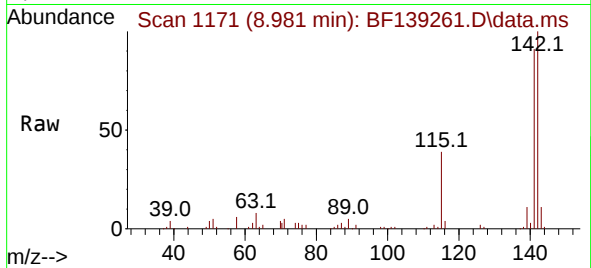




#38
1-Methylnaphthalene
Concen: 3.911 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

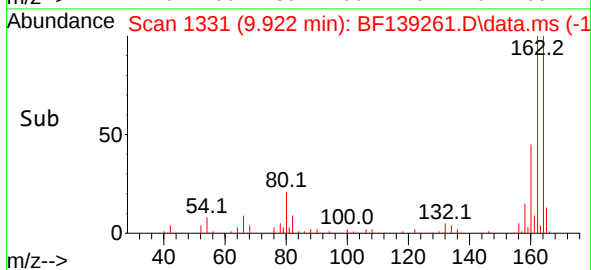
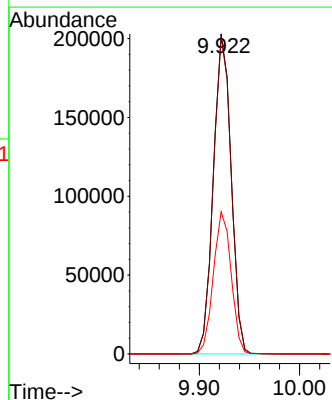
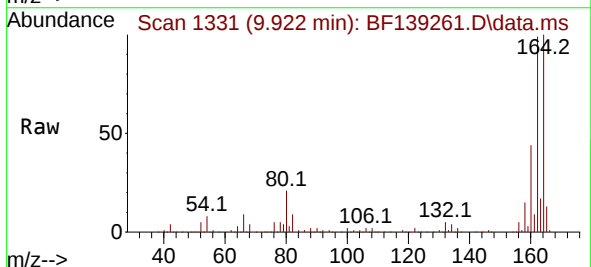
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

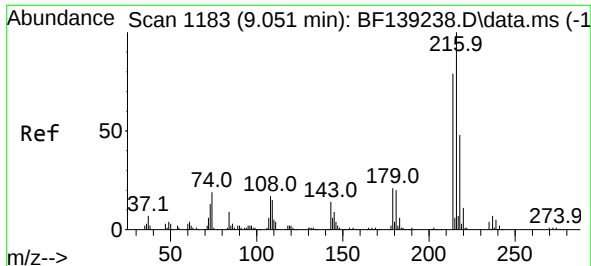
Tgt Ion:142 Resp: 55841
Ion Ratio Lower Upper
142 100
141 91.1 73.5 110.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

Tgt Ion:164 Resp: 250171
Ion Ratio Lower Upper
164 100
162 99.1 79.2 118.8
160 44.5 34.2 51.2

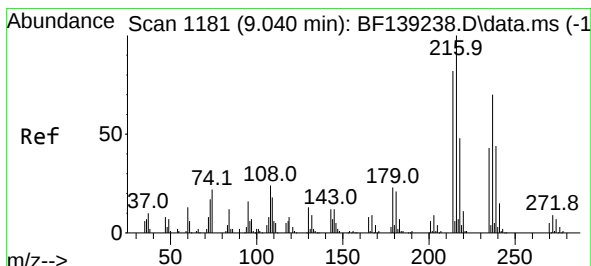
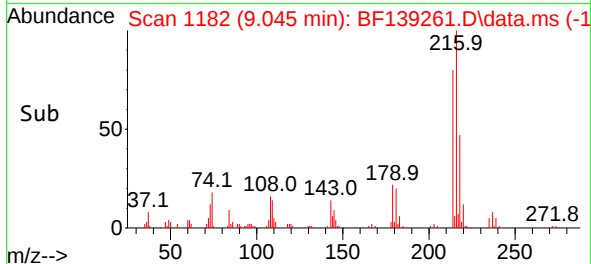
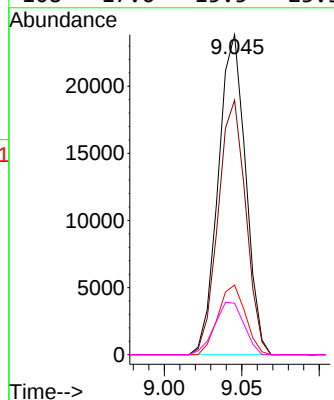
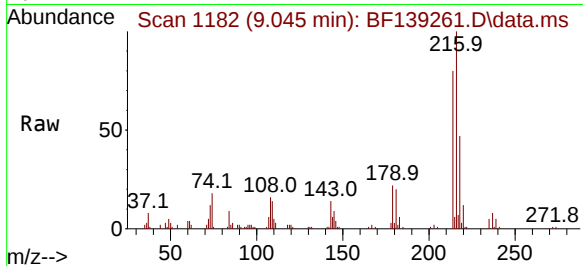




#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.141 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

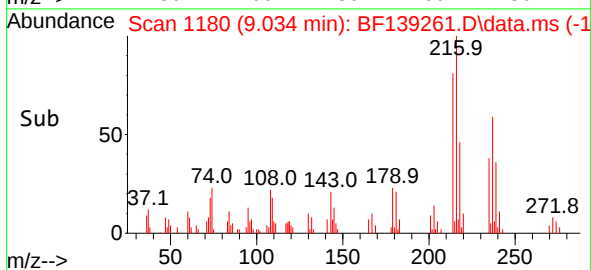
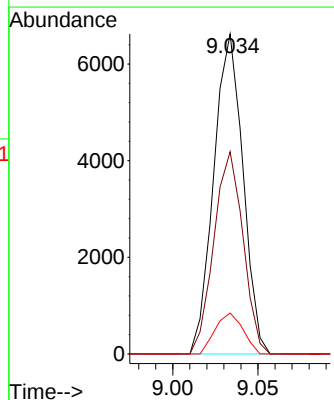
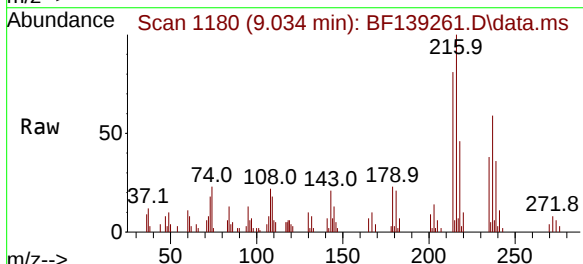
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

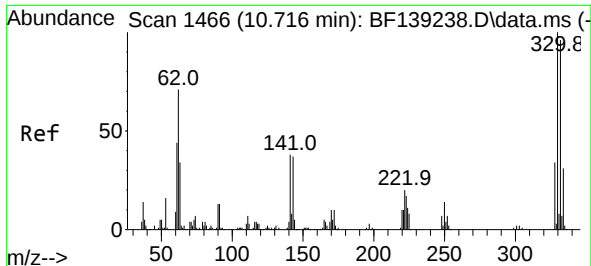
Tgt Ion:	216	Resp:	29313
Ion Ratio	Lower	Upper	
216	100		
214	80.2	63.8	95.8
179	21.7	16.9	25.3
108	17.6	15.5	23.3



#41
Hexachlorocyclopentadiene
Concen: 3.471 ng
RT: 9.034 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

Tgt Ion:	237	Resp:	7896
Ion Ratio	Lower	Upper	
237	100		
235	63.2	41.4	81.4
272	12.8	0.0	32.2

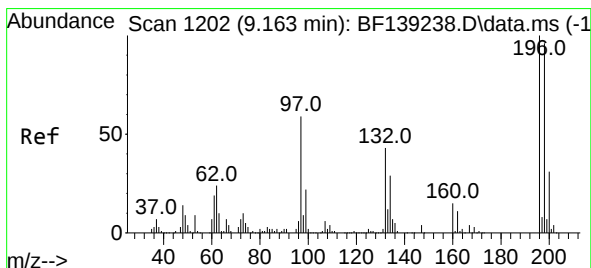
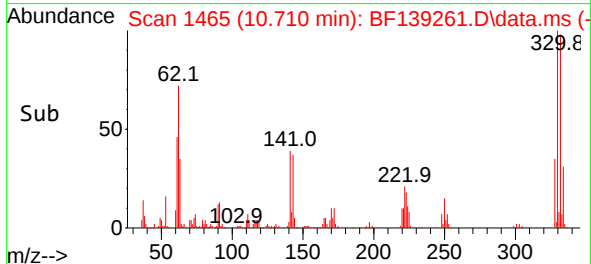
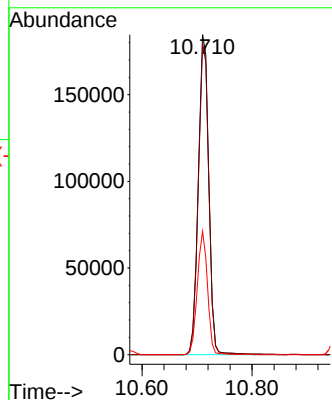
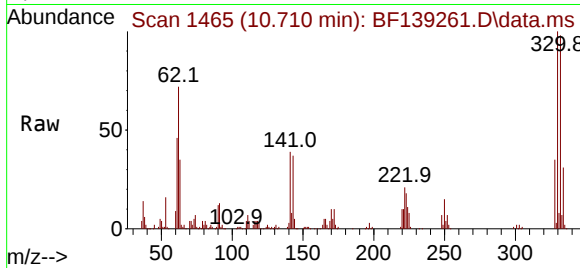




#42
2,4,6-Tribromophenol
Concen: 113.679 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

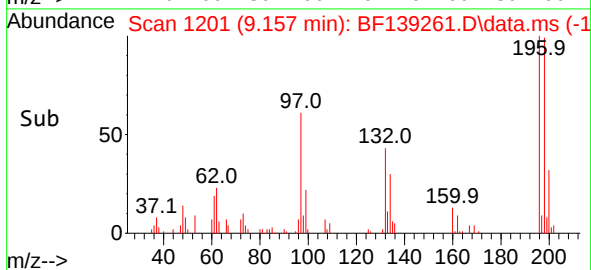
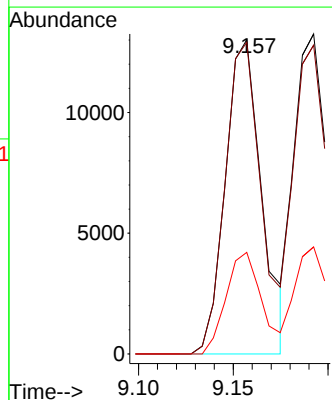
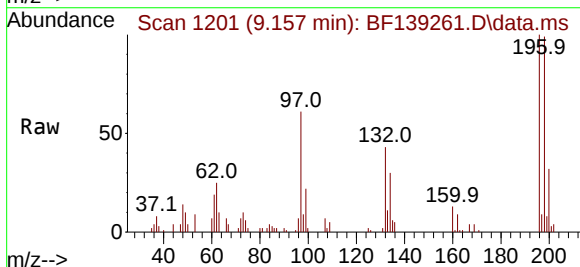
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

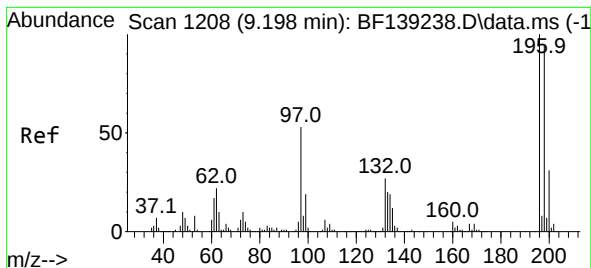
Tgt Ion:330 Resp: 245578
Ion Ratio Lower Upper
330 100
332 96.9 76.6 115.0
141 37.3 30.1 45.1



#43
2,4,6-Trichlorophenol
Concen: 3.737 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

Tgt Ion:196 Resp: 17307
Ion Ratio Lower Upper
196 100
198 99.2 77.0 115.4
200 32.4 24.7 37.1





#44

2,4,5-Trichlorophenol

Concen: 3.637 ng

RT: 9.192 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139261.D

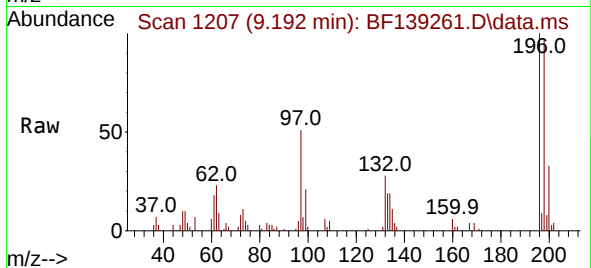
Acq: 05 Sep 2024 16:55

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024



Tgt Ion:196 Resp: 17652

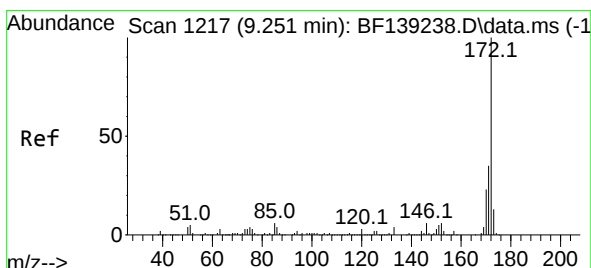
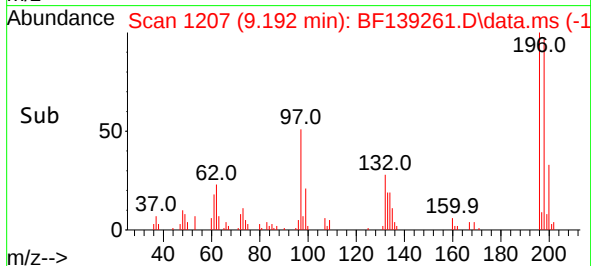
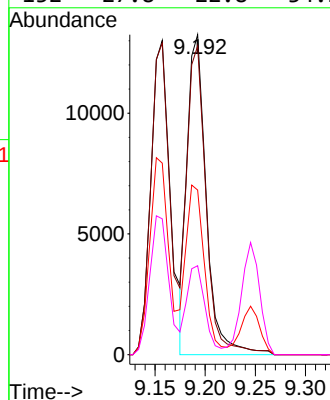
Ion Ratio Lower Upper

196 100

198 96.5 75.6 113.4

97 51.4 43.6 65.4

132 27.8 22.8 34.2



#45

2-Fluorobiphenyl

Concen: 77.691 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139261.D

Acq: 05 Sep 2024 16:55

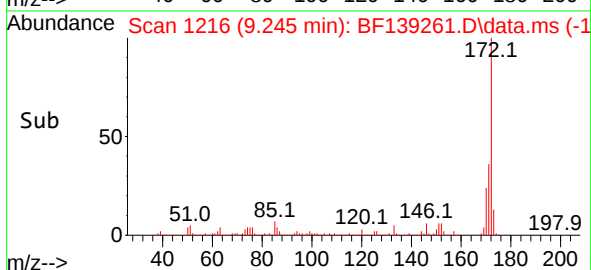
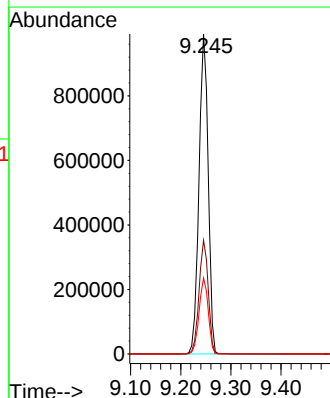
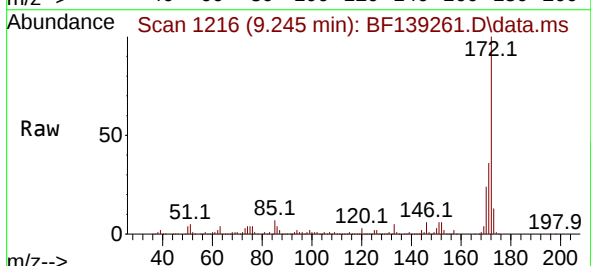
Tgt Ion:172 Resp: 1259104

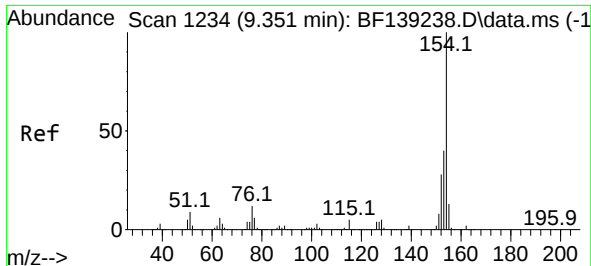
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.8 18.7 28.1

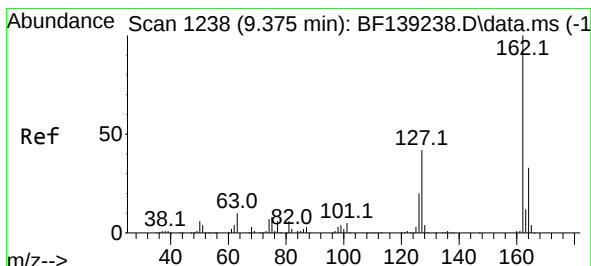
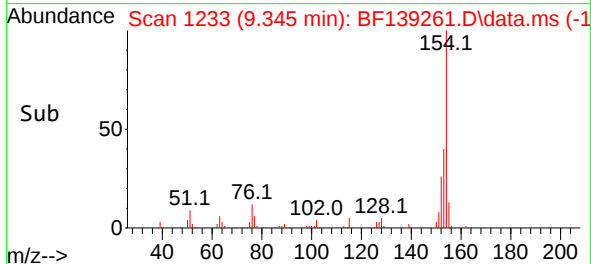
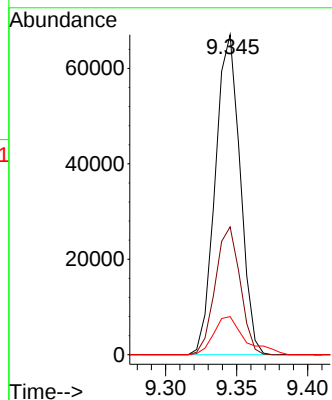
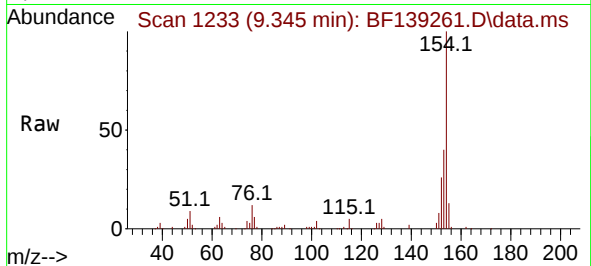




#46
1,1'-Biphenyl
Concen: 4.396 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

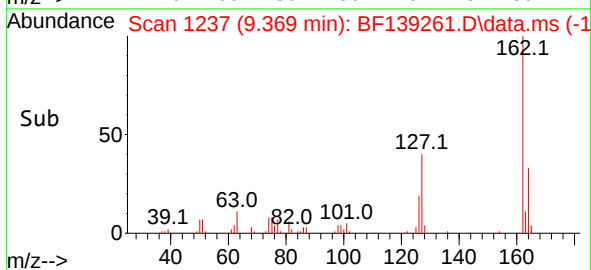
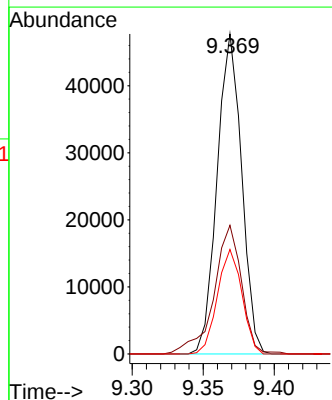
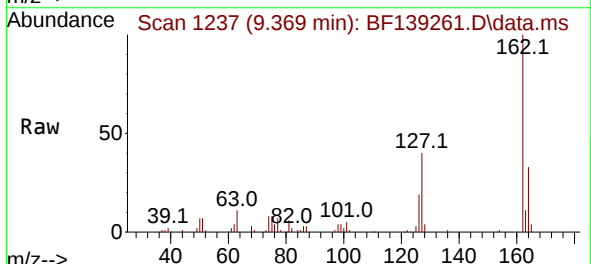
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

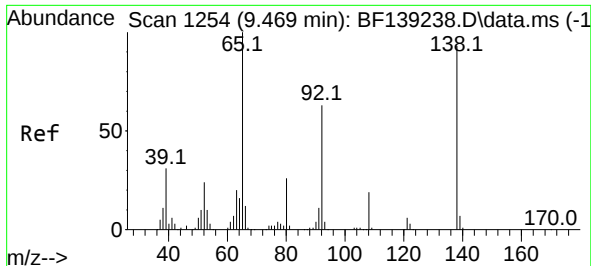
Tgt Ion:154 Resp: 81477
Ion Ratio Lower Upper
154 100
153 40.0 20.1 60.1
76 11.9 0.0 32.3



#47
2-Chloronaphthalene
Concen: 4.087 ng
RT: 9.369 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

Tgt Ion:162 Resp: 57196
Ion Ratio Lower Upper
162 100
127 40.2 34.2 51.4
164 32.7 26.2 39.2

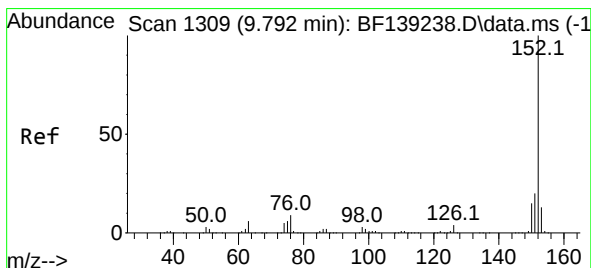
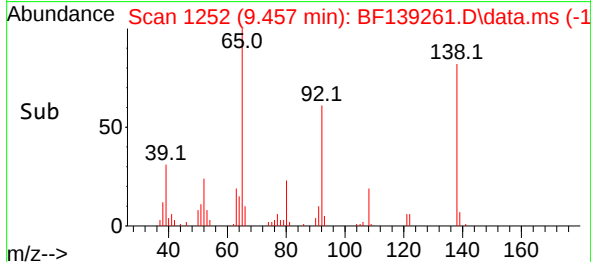
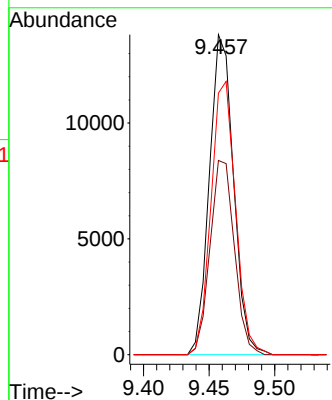
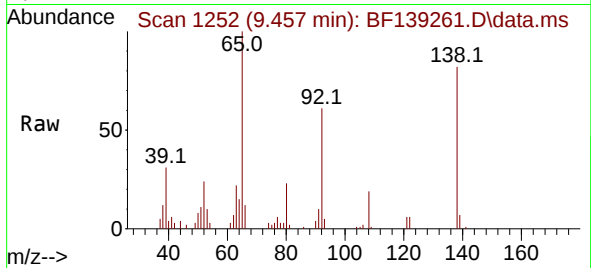




#48
2-Nitroaniline
Concen: 3.669 ng
RT: 9.457 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

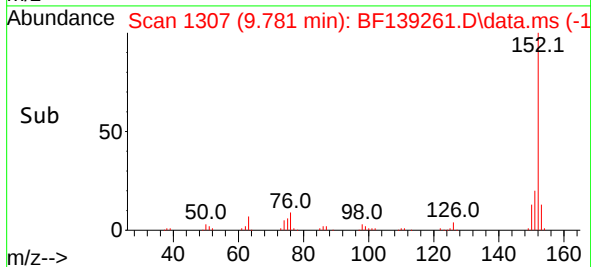
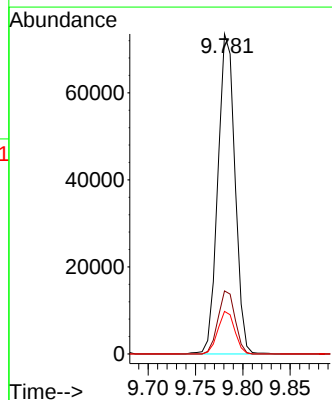
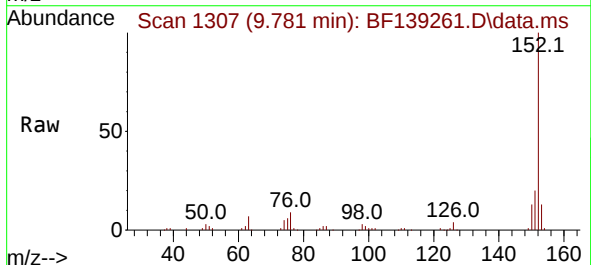
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

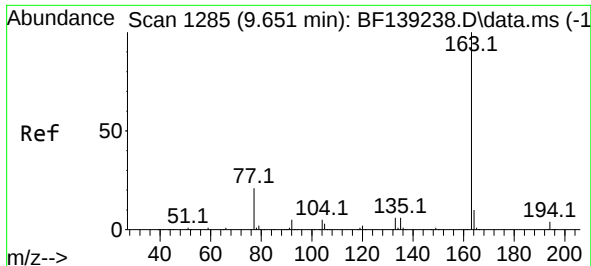
Tgt Ion: 65 Resp: 17688
Ion Ratio Lower Upper
65 100
92 60.7 50.4 75.6
138 81.8 74.2 111.4



#49
Acenaphthylene
Concen: 4.383 ng
RT: 9.781 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

Tgt Ion: 152 Resp: 92400
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 13.3 10.4 15.6

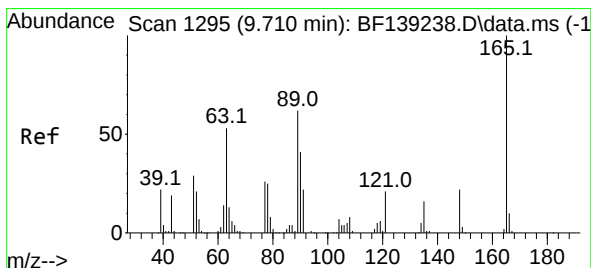
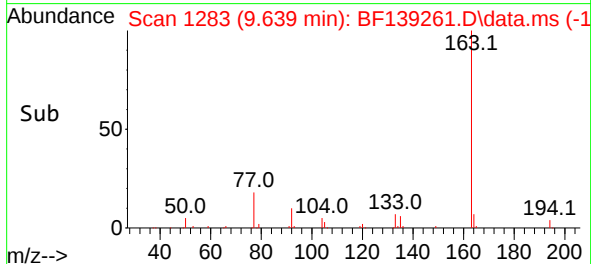
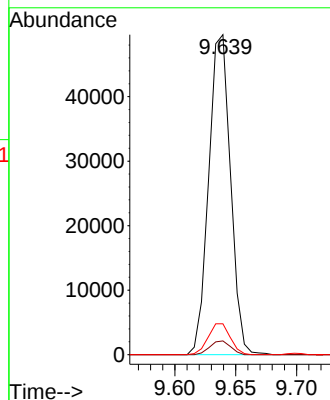
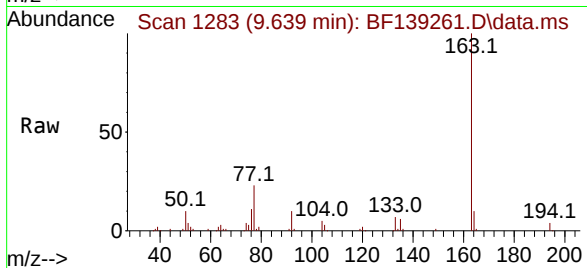




#50
Dimethylphthalate
Concen: 4.092 ng
RT: 9.639 min Scan# 1283
Delta R.T. -0.012 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

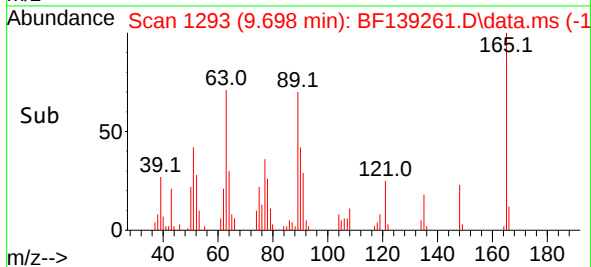
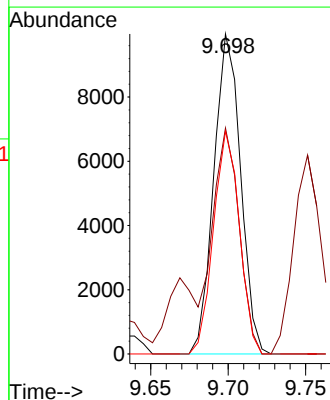
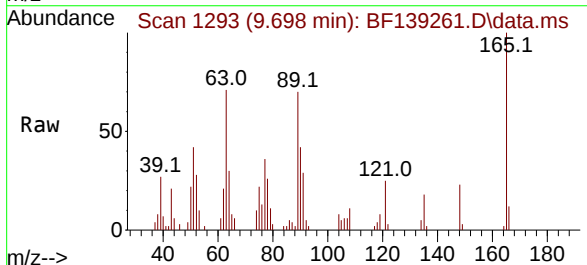
Instrument : BNA_F
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

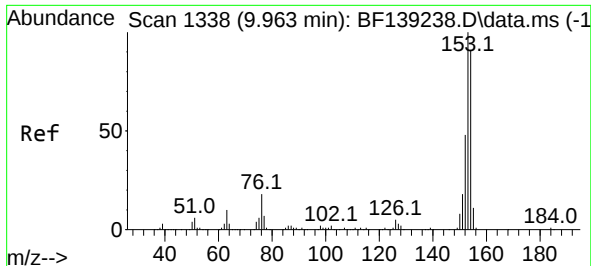
Tgt Ion:163 Resp: 62049
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 9.6 7.9 11.9



#51
2,6-Dinitrotoluene
Concen: 3.479 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

Tgt Ion:165 Resp: 11966
Ion Ratio Lower Upper
165 100
63 70.6 56.1 84.1
89 69.7 49.7 74.5





#52

Acenaphthene

Concen: 3.784 ng

RT: 9.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139261.D

Acq: 05 Sep 2024 16:55

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

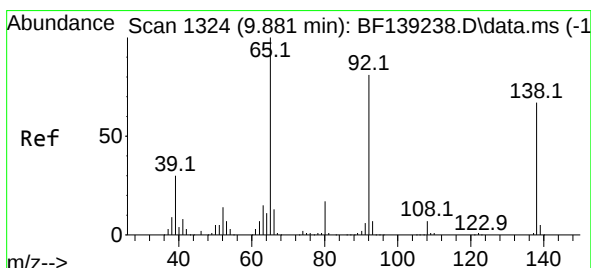
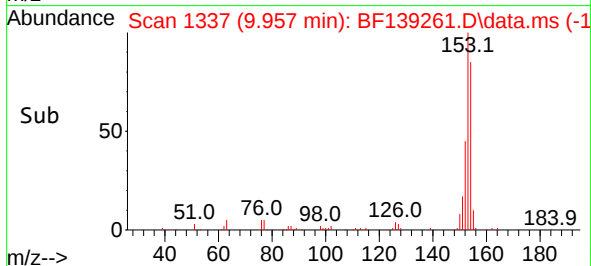
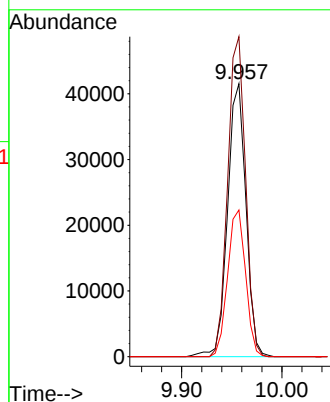
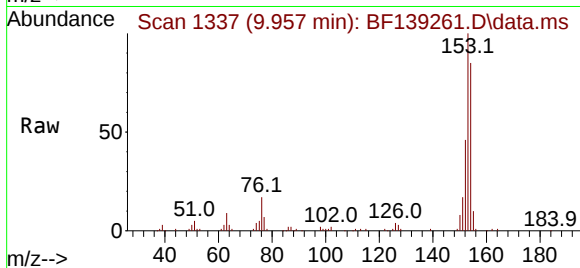
Tgt Ion:154 Resp: 52903

Ion Ratio Lower Upper

154 100

153 117.3 87.8 131.6

152 53.8 41.7 62.5



#53

3-Nitroaniline

Concen: 3.546 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.012 min

Lab File: BF139261.D

Acq: 05 Sep 2024 16:55

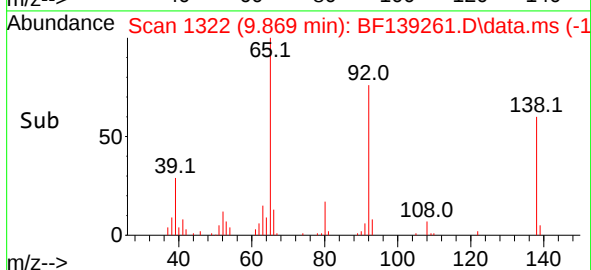
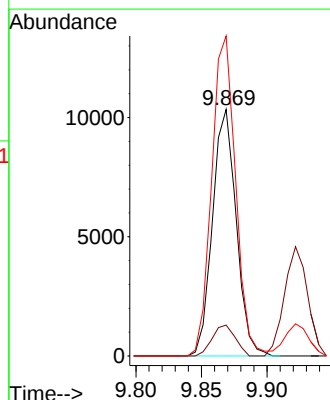
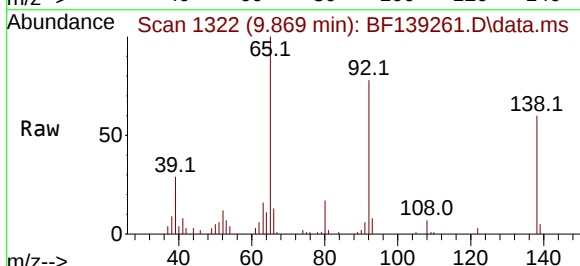
Tgt Ion:138 Resp: 12997

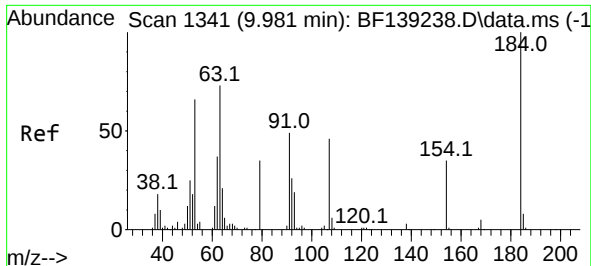
Ion Ratio Lower Upper

138 100

108 12.5 8.6 13.0

92 129.8 96.4 144.6

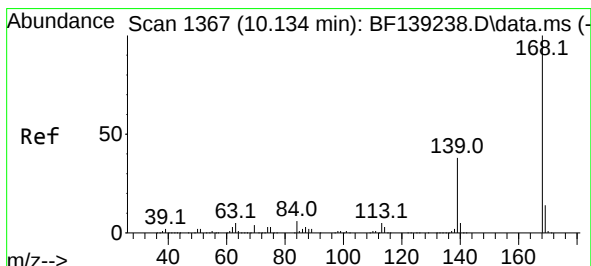
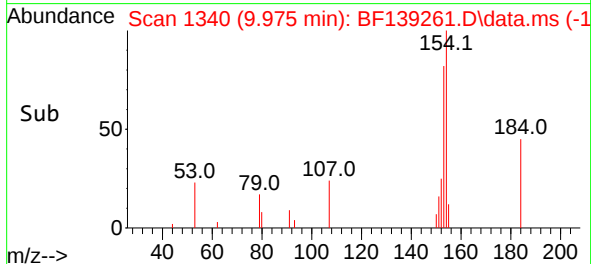
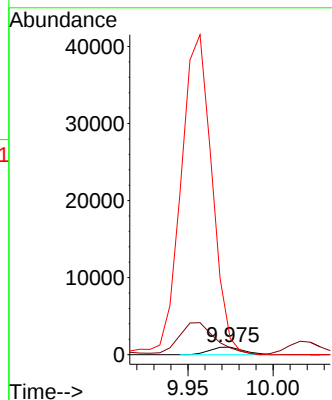
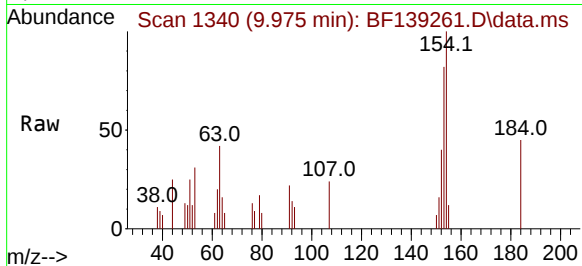




#54
2,4-Dinitrophenol
Concen: 8.198 ng
RT: 9.975 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

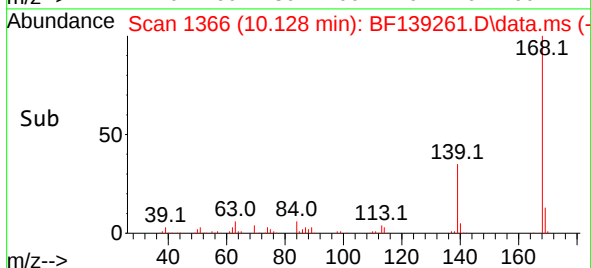
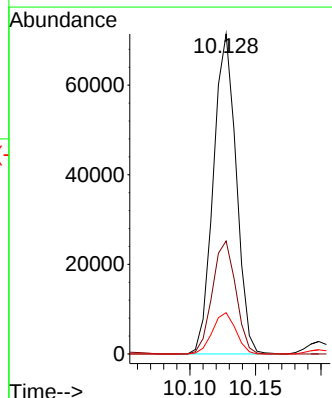
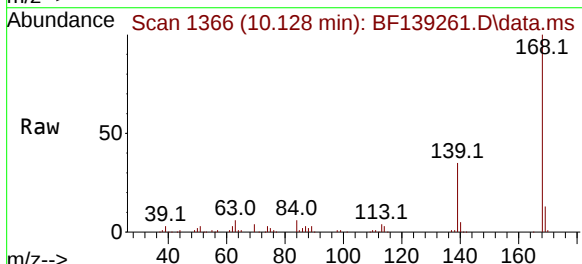
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

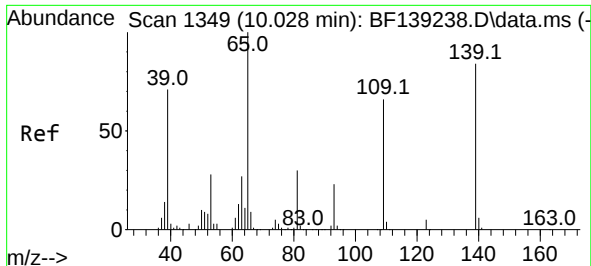
Tgt Ion:184 Resp: 1338
Ion Ratio Lower Upper
184 100
63 92.1 66.4 99.6
154 220.9 97.0 145.6#



#55
Dibenzofuran
Concen: 4.312 ng
RT: 10.128 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

Tgt Ion:168 Resp: 86436
Ion Ratio Lower Upper
168 100
139 35.3 30.2 45.4
169 12.9 10.8 16.2

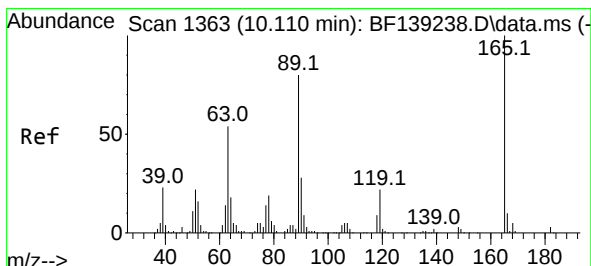
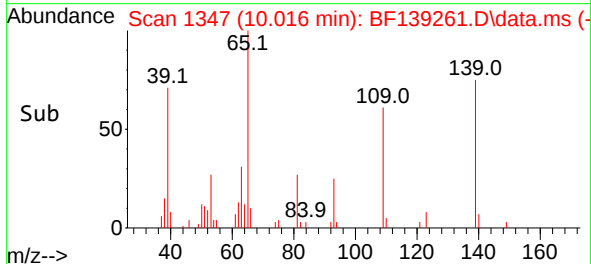
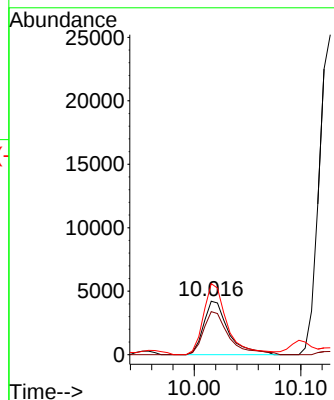
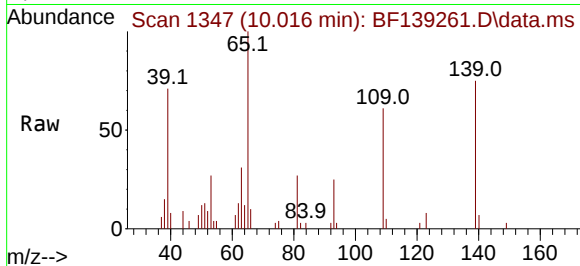




#56
4-Nitrophenol
Concen: 2.523 ng
RT: 10.016 min Scan# 1347
Delta R.T. -0.012 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

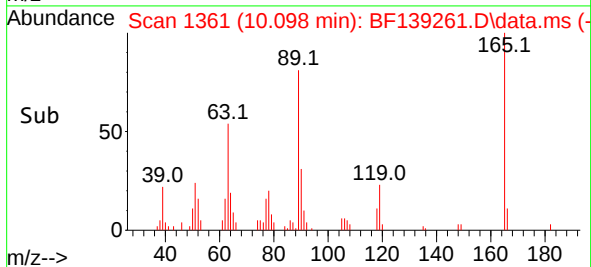
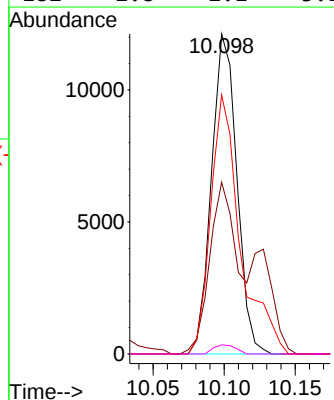
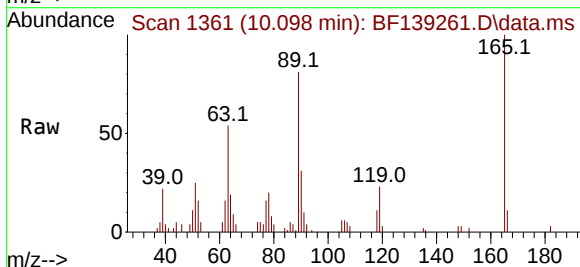
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

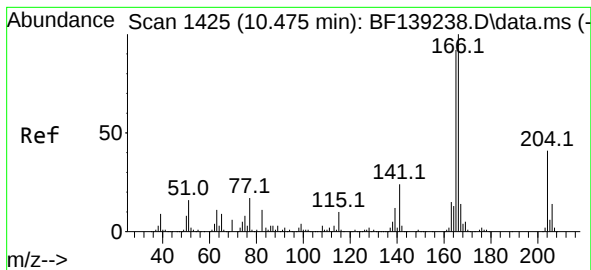
Tgt Ion:139 Resp: 6824
Ion Ratio Lower Upper
139 100
109 80.5 58.7 98.7
65 132.7 100.3 140.3



#57
2,4-Dinitrotoluene
Concen: 3.439 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.012 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

Tgt Ion:165 Resp: 15058
Ion Ratio Lower Upper
165 100
63 53.6 43.4 65.0
89 80.9 64.2 96.4
182 2.8 2.1 3.1





#58

Fluorene

Concen: 4.167 ng

RT: 10.469 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF139261.D

Acq: 05 Sep 2024 16:55

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

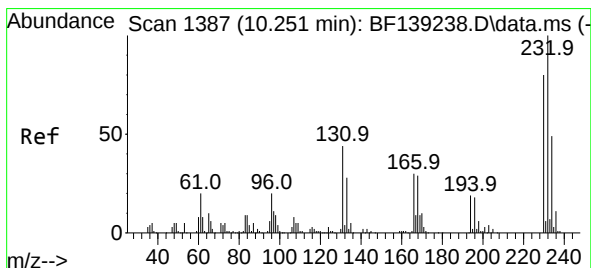
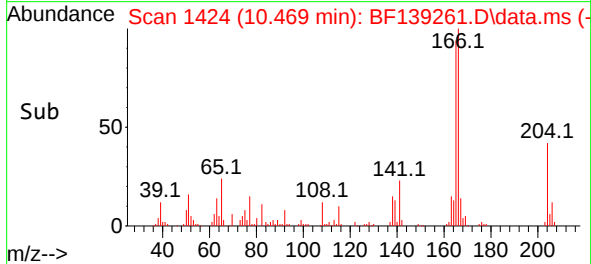
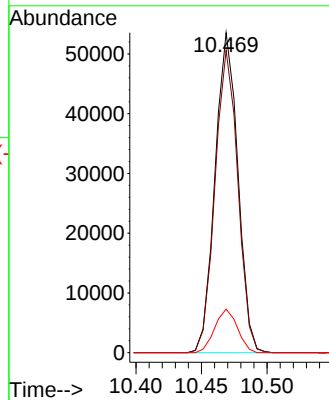
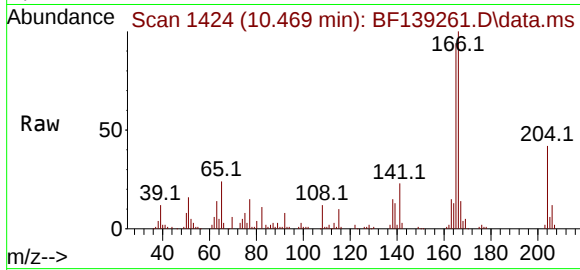
Tgt Ion:166 Resp: 64764

Ion Ratio Lower Upper

166 100

165 94.5 73.7 110.5

167 13.6 10.9 16.3



#59

2,3,4,6-Tetrachlorophenol

Concen: 3.608 ng

RT: 10.239 min Scan# 1385

Delta R.T. -0.012 min

Lab File: BF139261.D

Acq: 05 Sep 2024 16:55

Tgt Ion:232 Resp: 13783

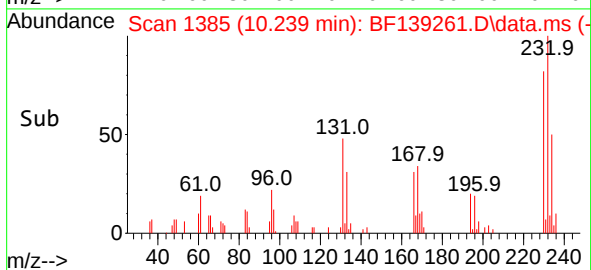
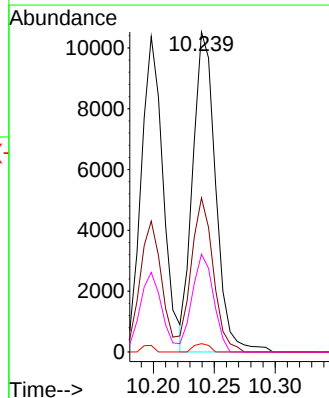
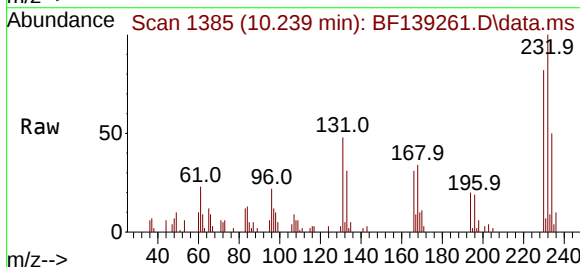
Ion Ratio Lower Upper

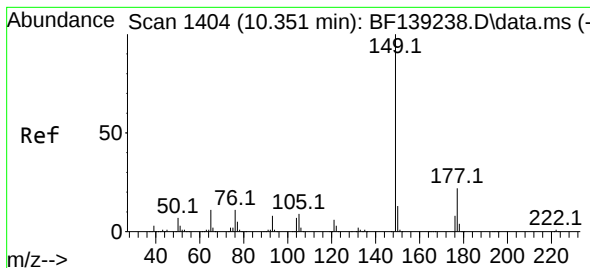
232 100

131 46.8 37.7 56.5

130 1.8 1.9 2.9#

166 28.2 24.5 36.7





#60

Diethylphthalate

Concen: 3.985 ng

RT: 10.339 min Scan# 1402

Delta R.T. -0.012 min

Lab File: BF139261.D

Acq: 05 Sep 2024 16:55

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

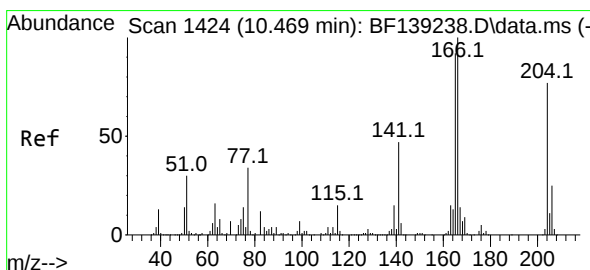
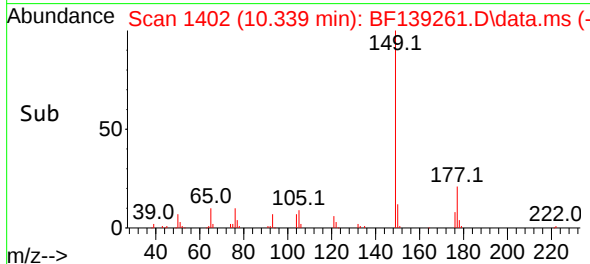
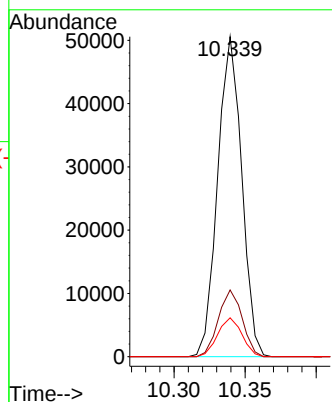
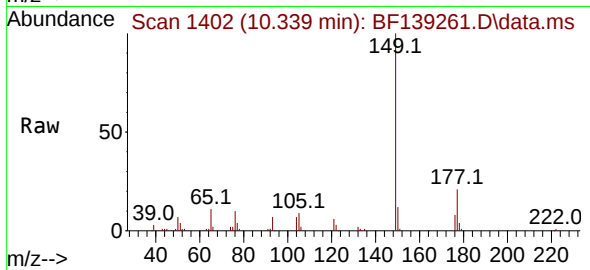
Tgt Ion:149 Resp: 59463

Ion Ratio Lower Upper

149 100

177 20.9 17.7 26.5

150 12.1 10.2 15.2



#61

4-Chlorophenyl-phenylether

Concen: 4.256 ng

RT: 10.463 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF139261.D

Acq: 05 Sep 2024 16:55

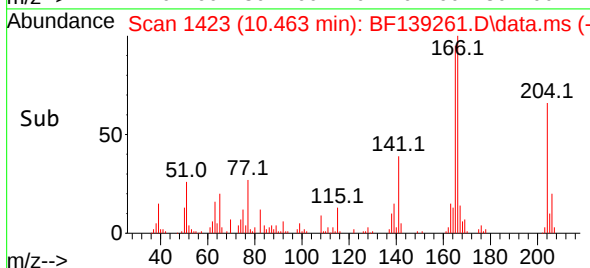
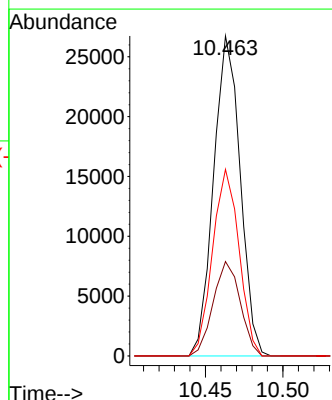
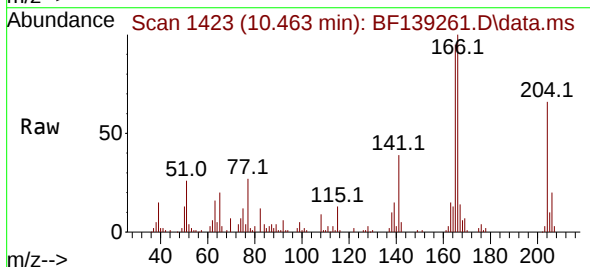
Tgt Ion:204 Resp: 31901

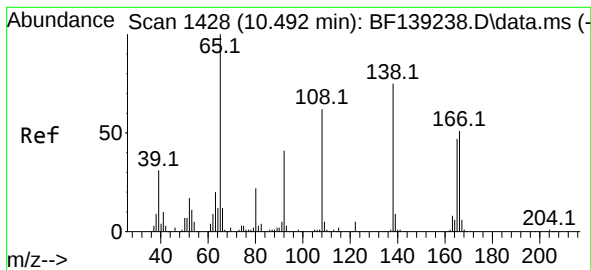
Ion Ratio Lower Upper

204 100

206 29.5 25.8 38.8

141 58.3 48.6 72.8

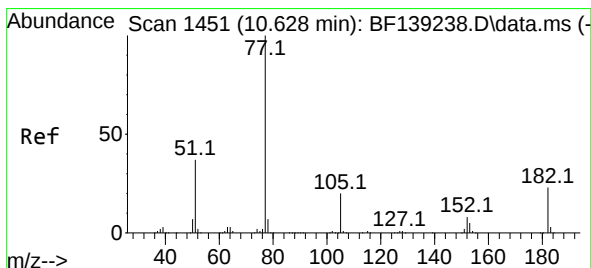
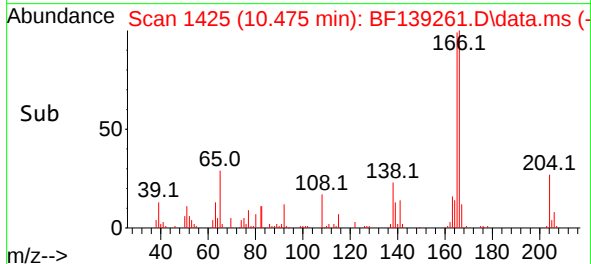
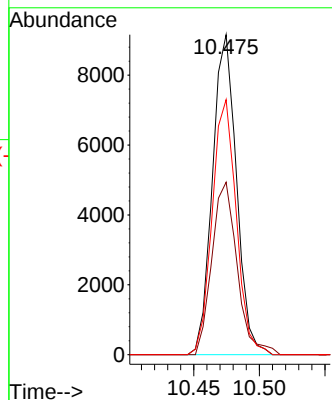
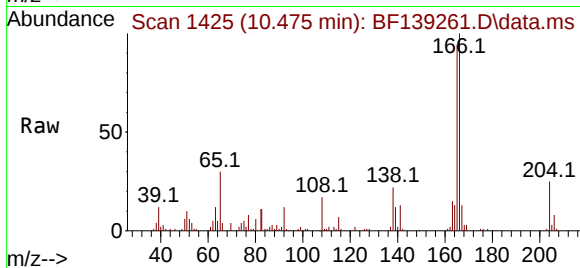




#62
4-Nitroaniline
Concen: 3.342 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.018 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

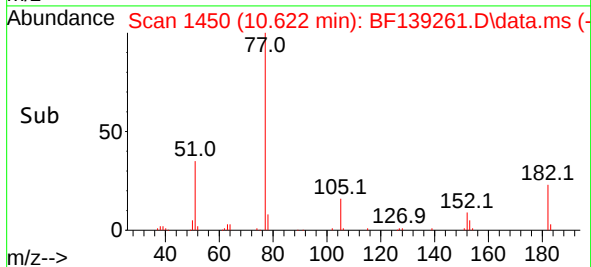
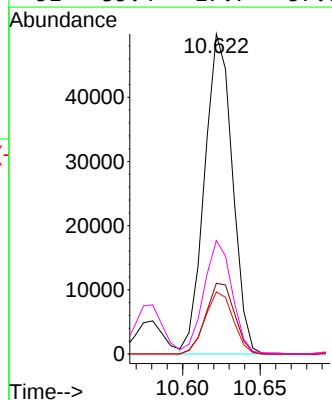
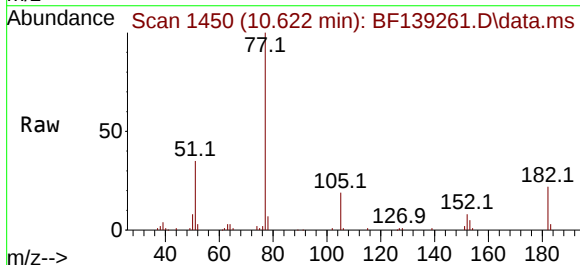
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

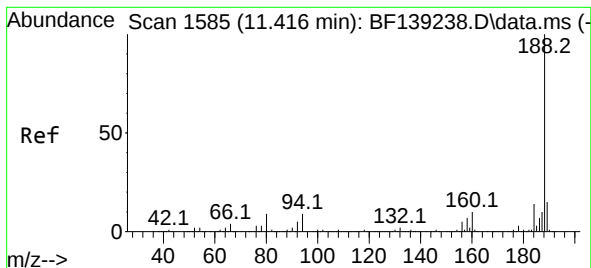
Tgt Ion:138 Resp: 11659
Ion Ratio Lower Upper
138 100
92 53.9 34.4 74.4
108 79.7 62.7 102.7



#63
Azobenzene
Concen: 3.960 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

Tgt Ion: 77 Resp: 62276
Ion Ratio Lower Upper
77 100
182 22.1 3.0 43.0
105 19.4 0.0 39.4
51 35.4 17.7 57.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139261.D

Acq: 05 Sep 2024 16:55

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

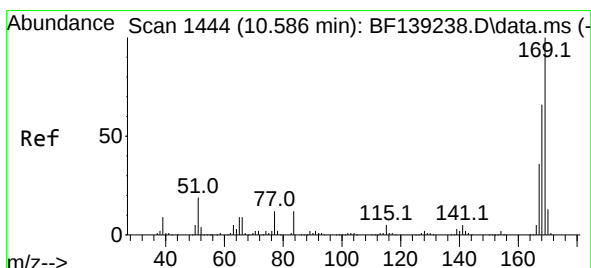
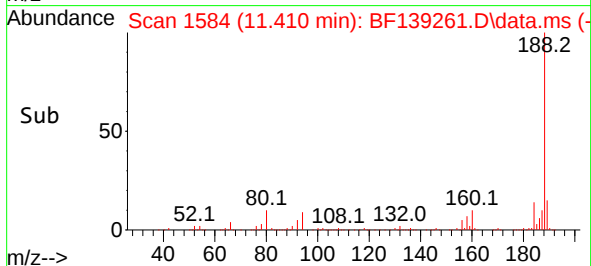
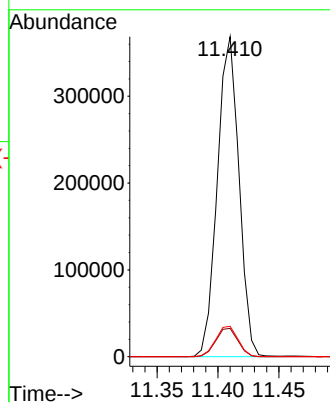
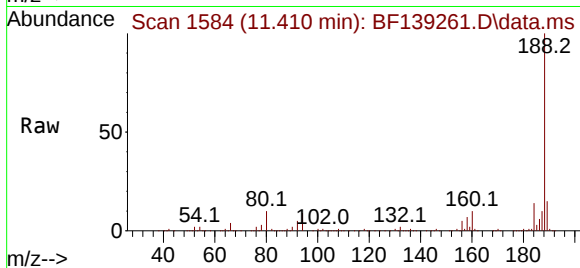
Tgt Ion:188 Resp: 455918

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.4

80 9.5 7.3 10.9



#66

n-Nitrosodiphenylamine

Concen: 4.098 ng

RT: 10.581 min Scan# 1443

Delta R.T. -0.006 min

Lab File: BF139261.D

Acq: 05 Sep 2024 16:55

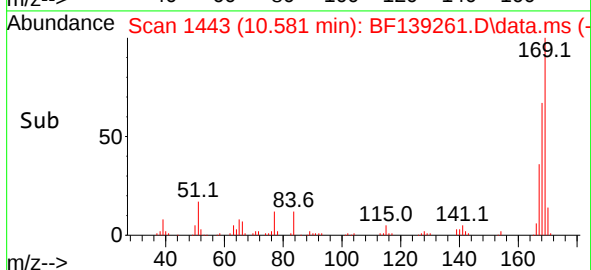
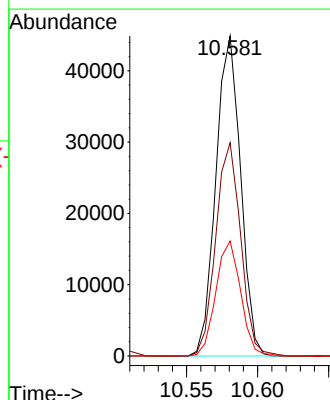
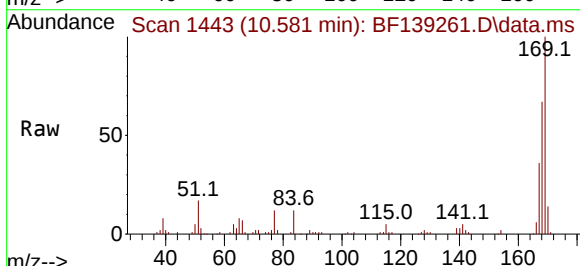
Tgt Ion:169 Resp: 54381

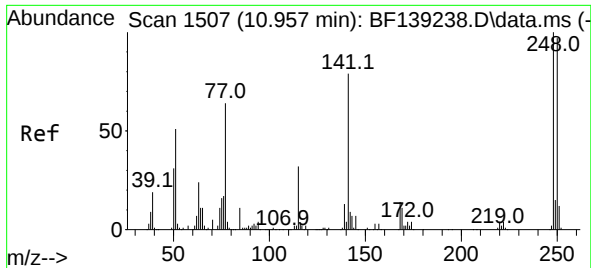
Ion Ratio Lower Upper

169 100

168 66.7 53.0 79.6

167 36.0 29.0 43.6

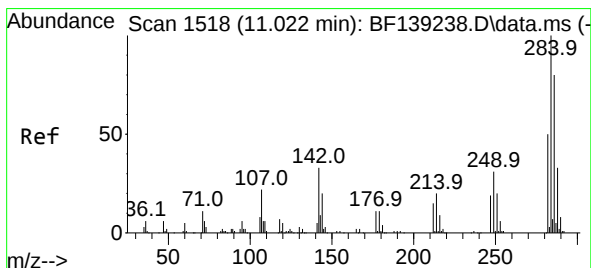
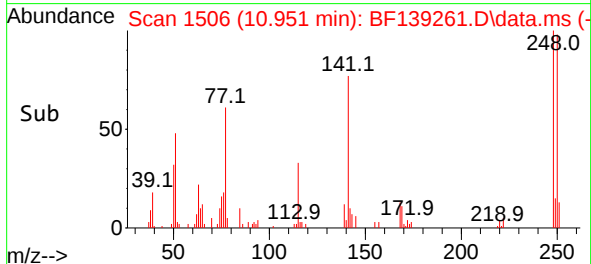
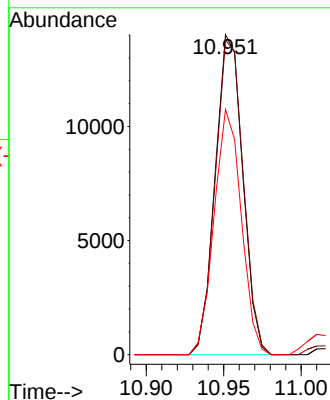
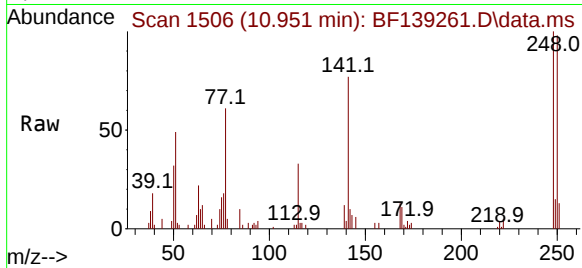




#67
4-Bromophenyl-phenylether
Concen: 3.925 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

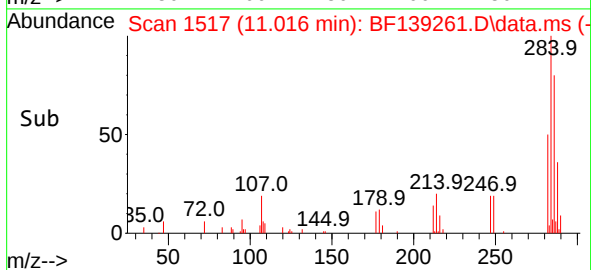
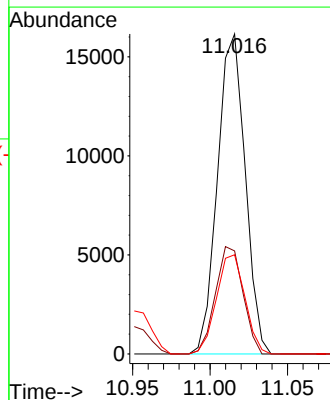
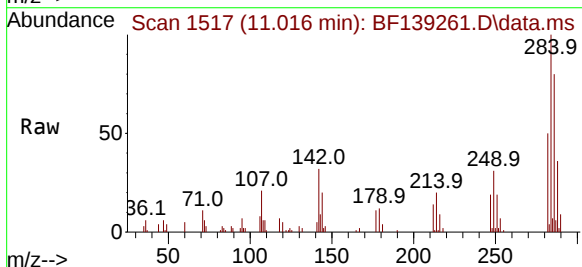
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

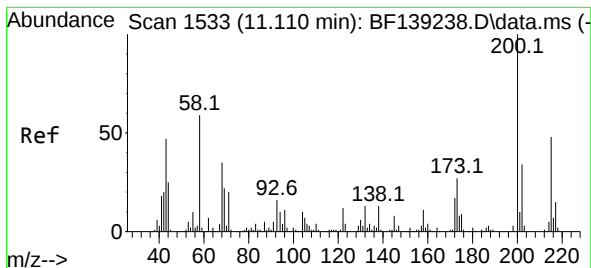
Tgt Ion:248 Resp: 17363
Ion Ratio Lower Upper
248 100
250 98.4 77.2 115.8
141 76.7 63.6 95.4



#68
Hexachlorobenzene
Concen: 3.965 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

Tgt Ion:284 Resp: 20079
Ion Ratio Lower Upper
284 100
142 32.2 26.5 39.7
249 31.0 24.8 37.2





#69

Atrazine

Concen: 4.971 ng

RT: 11.098 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF139261.D

Acq: 05 Sep 2024 16:55

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

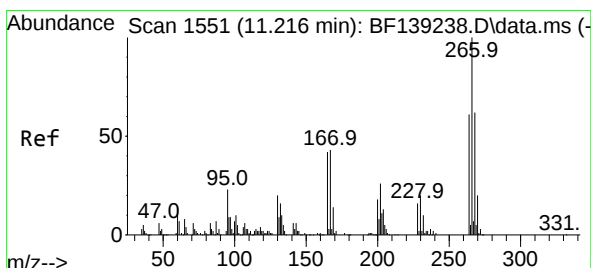
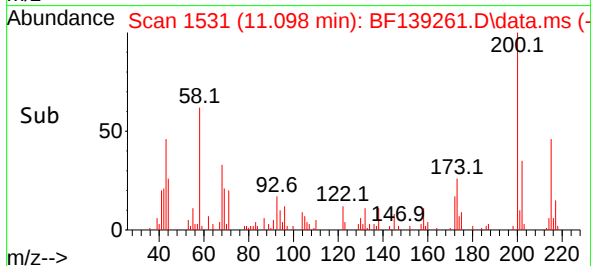
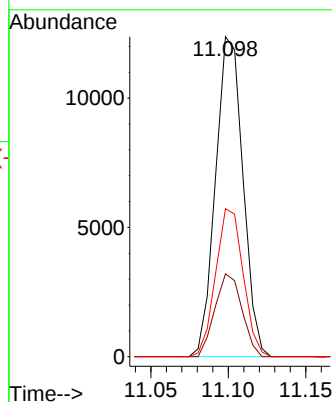
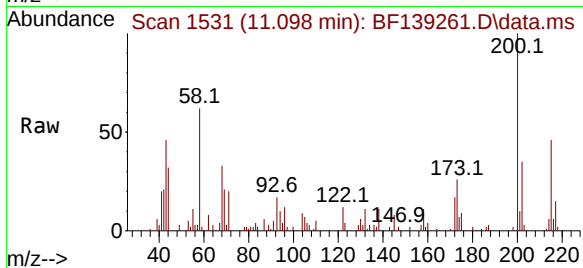
Tgt Ion:200 Resp: 15221

Ion Ratio Lower Upper

200 100

173 25.9 7.1 47.1

215 46.3 28.5 68.5



#70

Pentachlorophenol

Concen: 2.205 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.006 min

Lab File: BF139261.D

Acq: 05 Sep 2024 16:55

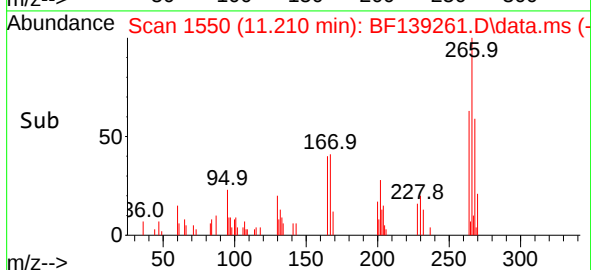
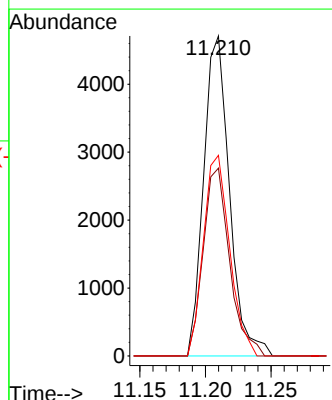
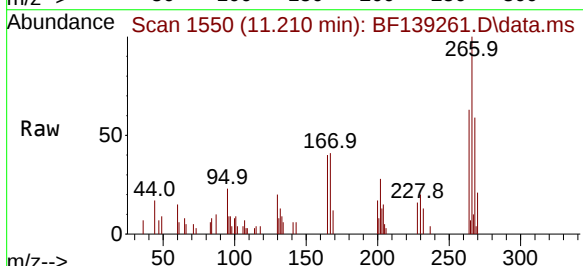
Tgt Ion:266 Resp: 6451

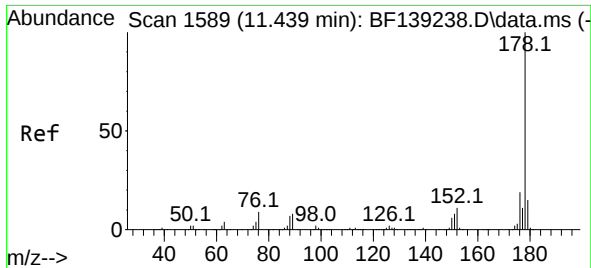
Ion Ratio Lower Upper

266 100

268 58.7 49.7 74.5

264 62.7 49.2 73.8

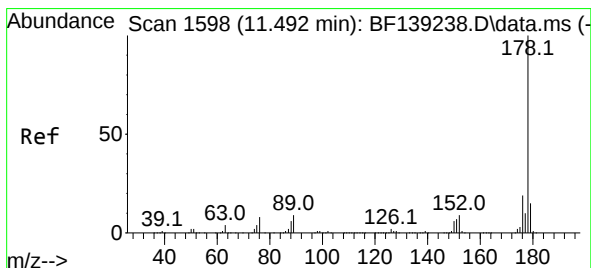
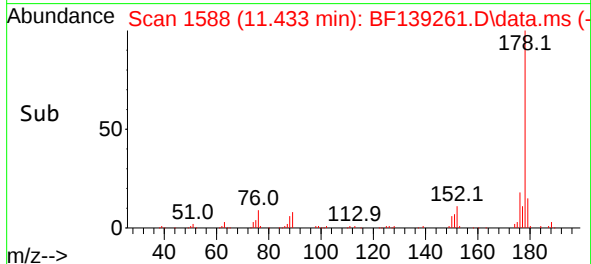
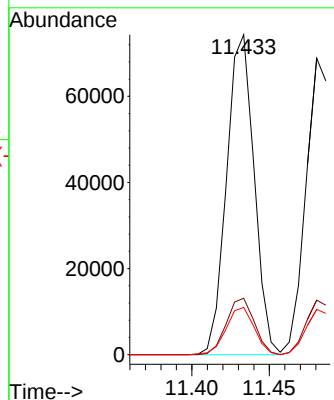
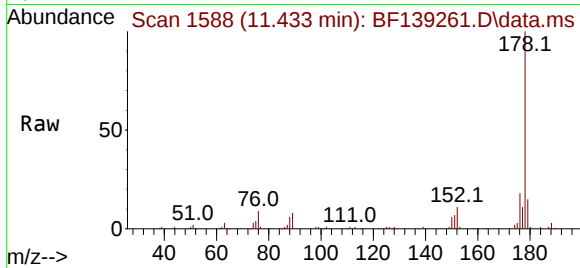




#71
Phenanthrene
Concen: 4.314 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

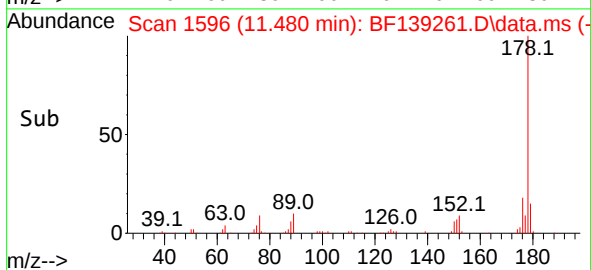
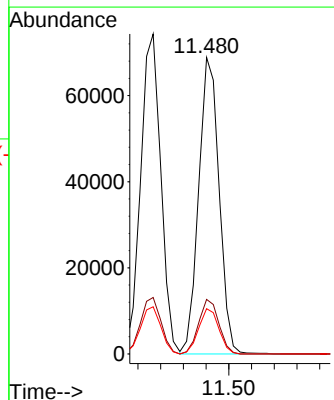
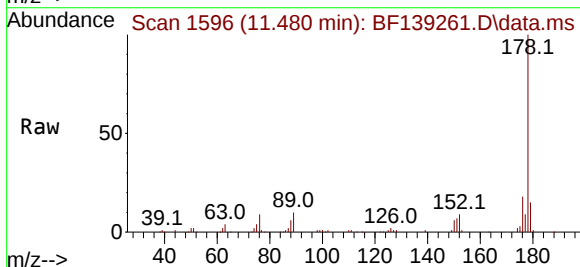
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

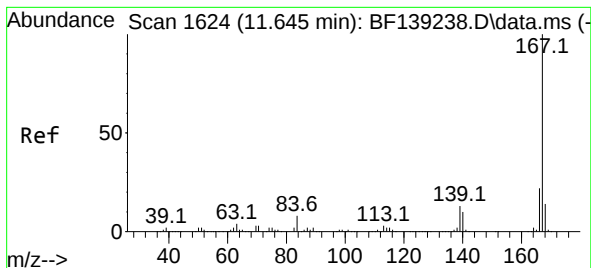
Tgt Ion:178 Resp: 91876
Ion Ratio Lower Upper
178 100
176 17.7 15.4 23.0
179 14.7 12.3 18.5



#72
Anthracene
Concen: 4.139 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.012 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

Tgt Ion:178 Resp: 86123
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.4
179 15.3 12.3 18.5





#73

Carbazole

Concen: 3.893 ng

RT: 11.633 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139261.D

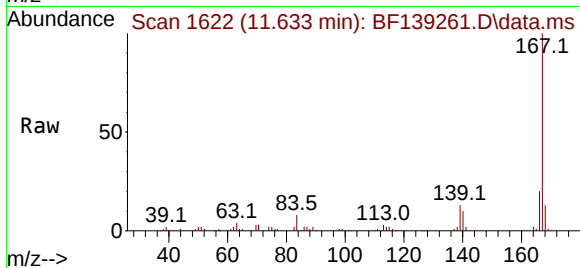
Acq: 05 Sep 2024 16:55

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024



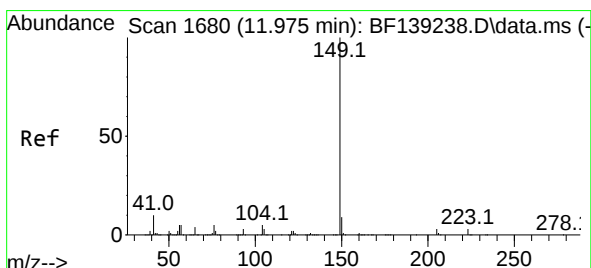
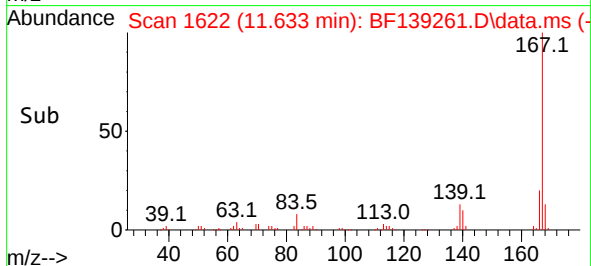
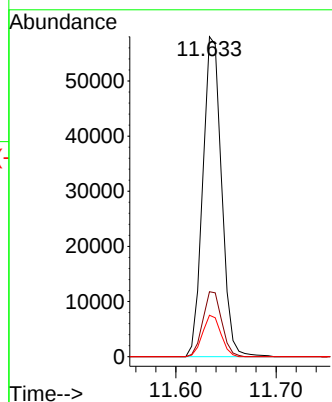
Tgt Ion:167 Resp: 75696

Ion Ratio Lower Upper

167 100

166 20.3 17.2 25.8

139 12.9 10.2 15.4



#74

Di-n-butylphthalate

Concen: 3.631 ng

RT: 11.969 min Scan# 1679

Delta R.T. -0.006 min

Lab File: BF139261.D

Acq: 05 Sep 2024 16:55

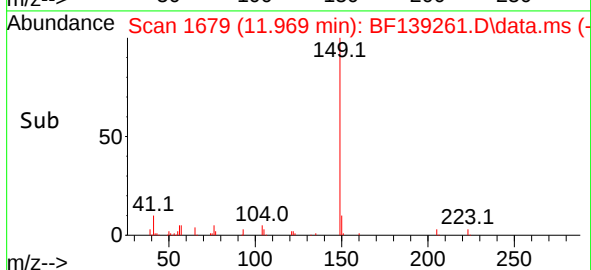
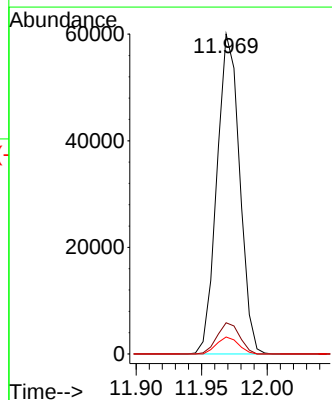
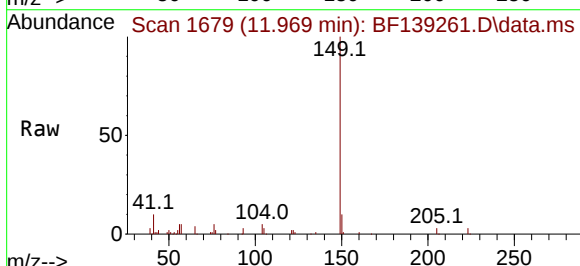
Tgt Ion:149 Resp: 72299

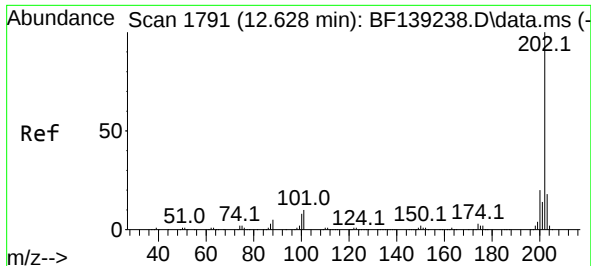
Ion Ratio Lower Upper

149 100

150 9.7 7.5 11.3

104 5.3 3.9 5.9

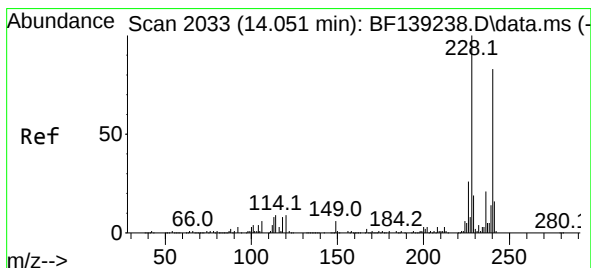
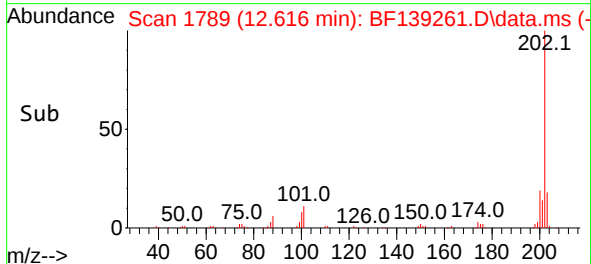
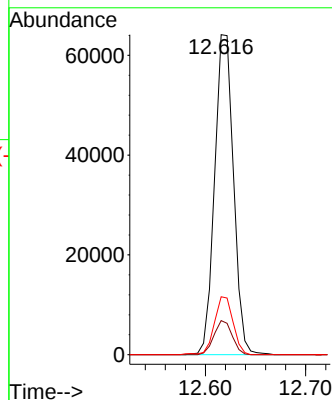
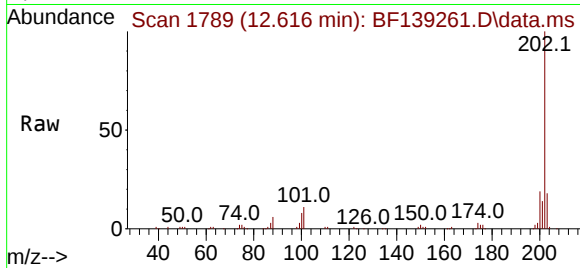




#75
Fluoranthene
Concen: 3.939 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.012 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

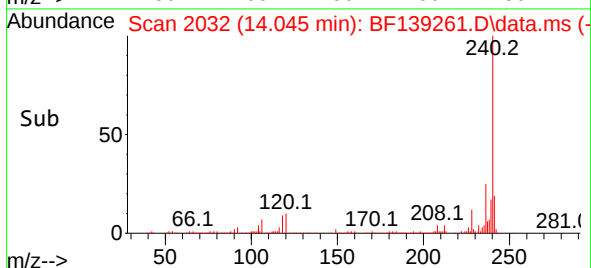
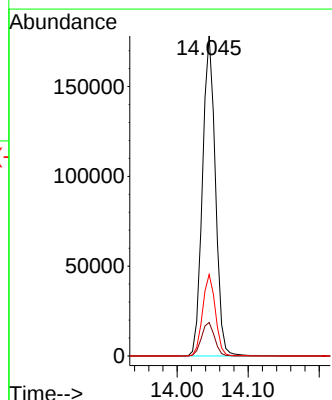
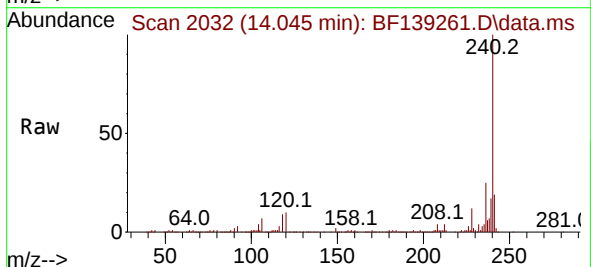
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

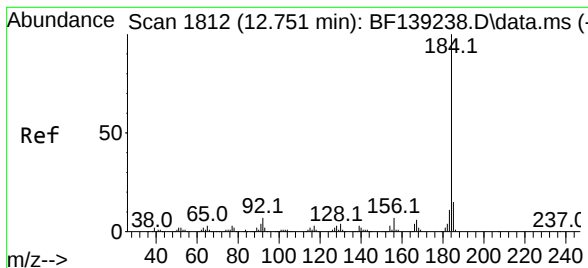
Tgt Ion:202 Resp: 84102
Ion Ratio Lower Upper
202 100
101 10.6 0.0 29.9
203 18.1 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

Tgt Ion:240 Resp: 225688
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 25.5 20.7 31.1





#77

Benzidine

Concen: 4.315 ng

RT: 12.745 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF139261.D

Acq: 05 Sep 2024 16:55

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

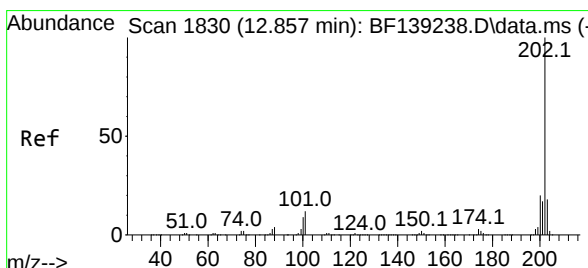
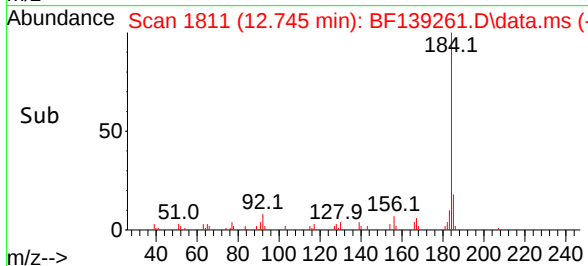
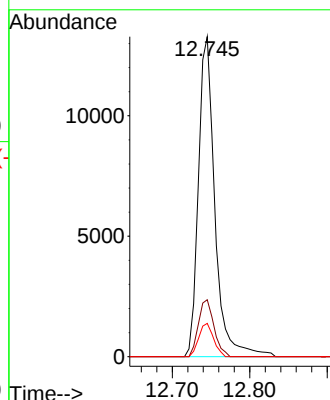
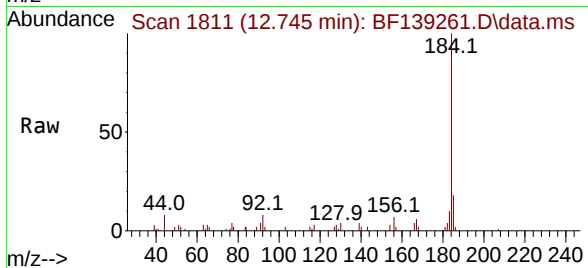
Tgt Ion:184 Resp: 19610

Ion Ratio Lower Upper

184 100

185 17.8 11.9 17.9

183 10.4 8.8 13.2



#78

Pyrene

Concen: 4.081 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.012 min

Lab File: BF139261.D

Acq: 05 Sep 2024 16:55

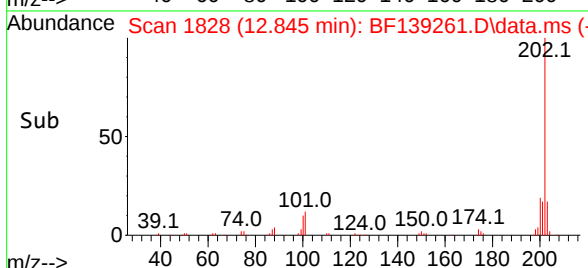
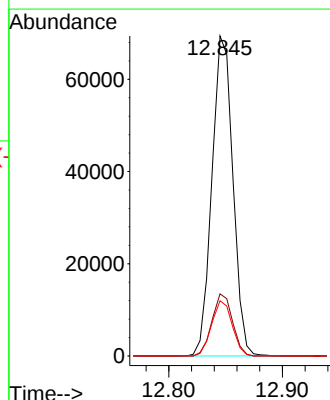
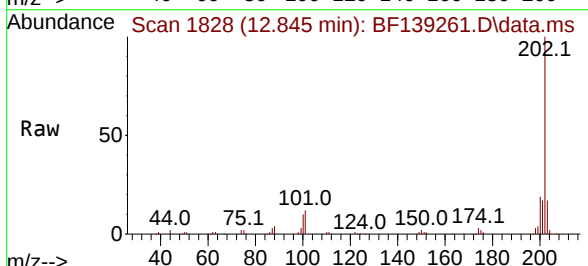
Tgt Ion:202 Resp: 88969

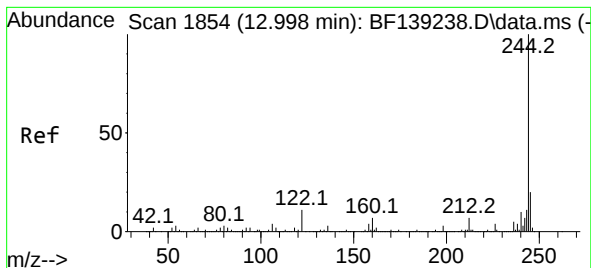
Ion Ratio Lower Upper

202 100

200 19.4 15.8 23.8

203 17.2 14.1 21.1





#79

Terphenyl-d14

Concen: 75.888 ng

RT: 12.992 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139261.D

Acq: 05 Sep 2024 16:55

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

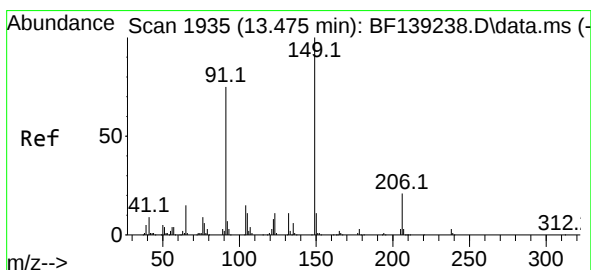
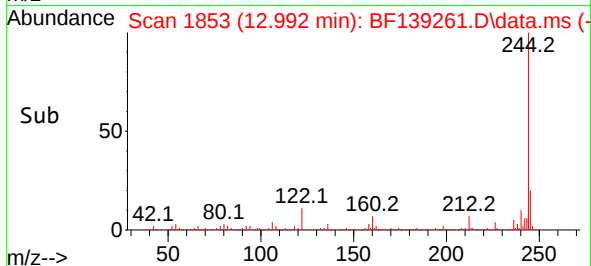
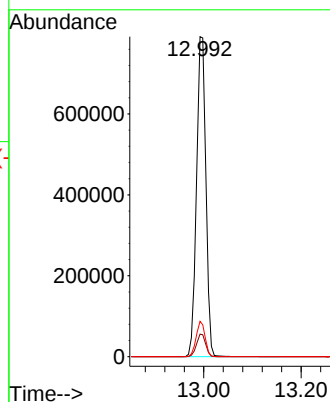
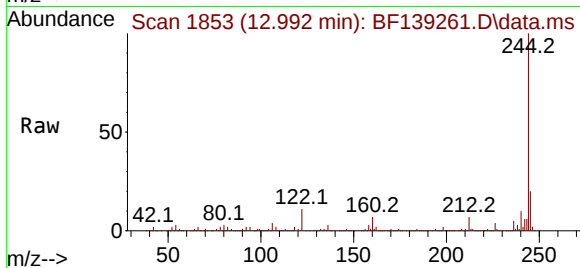
Tgt Ion:244 Resp: 1060766

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 11.1 8.7 13.1



#80

Butylbenzylphthalate

Concen: 3.173 ng

RT: 13.469 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BF139261.D

Acq: 05 Sep 2024 16:55

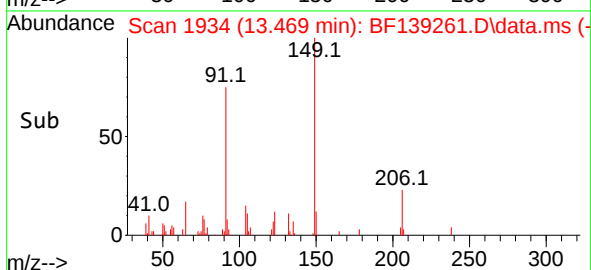
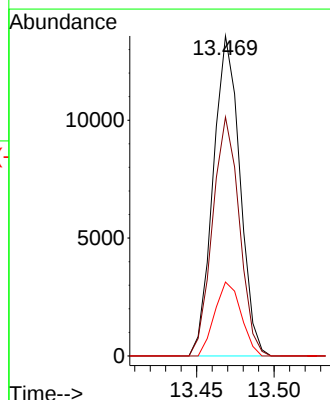
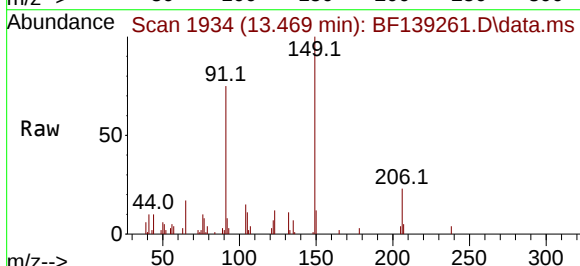
Tgt Ion:149 Resp: 16286

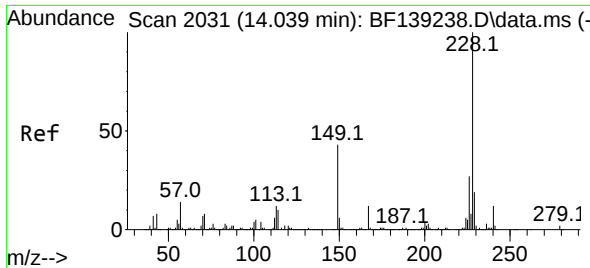
Ion Ratio Lower Upper

149 100

91 74.6 60.3 90.5

206 23.1 16.7 25.1

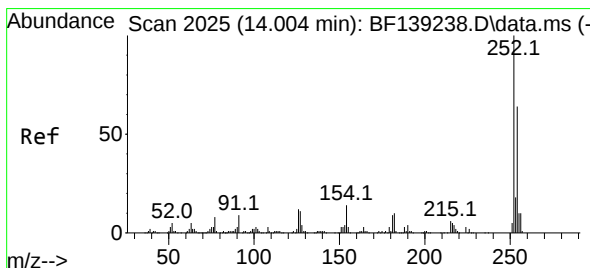
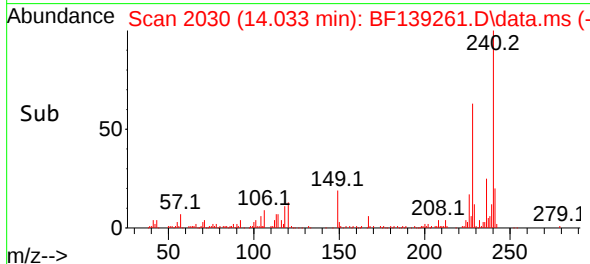
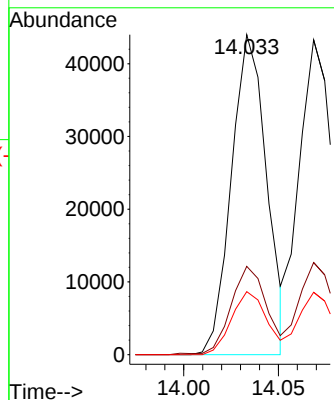
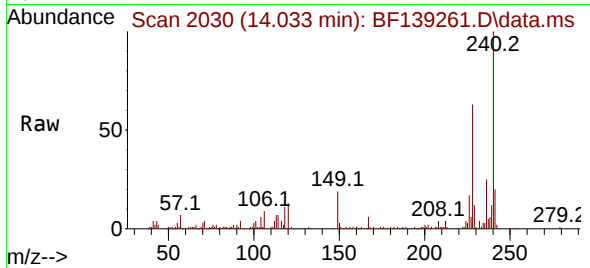




#81
Benzo(a)anthracene
Concen: 3.947 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

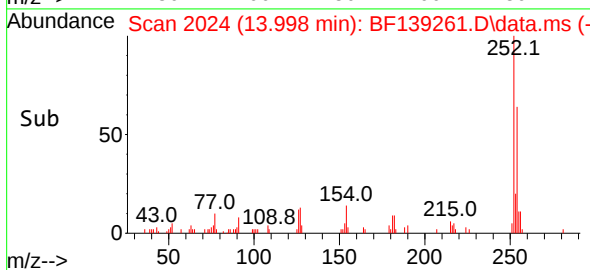
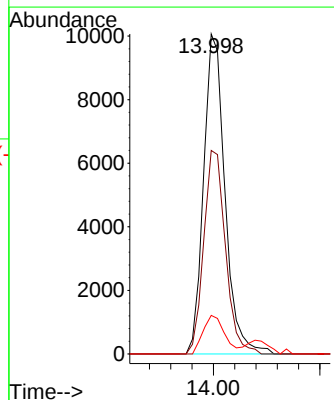
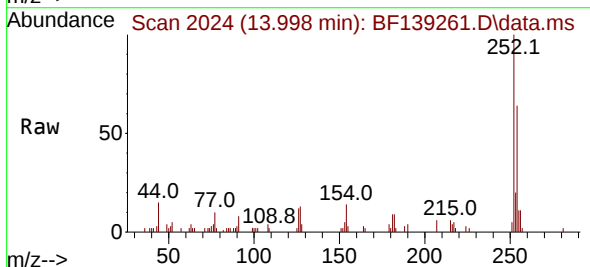
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

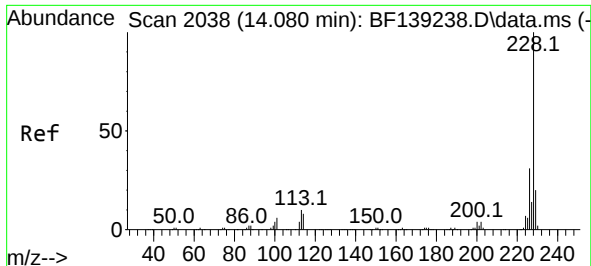
Tgt Ion:228 Resp: 56874
Ion Ratio Lower Upper
228 100
226 27.6 21.5 32.3
229 19.7 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 3.665 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

Tgt Ion:252 Resp: 14026
Ion Ratio Lower Upper
252 100
254 63.6 51.5 77.3
126 12.0 9.2 13.8

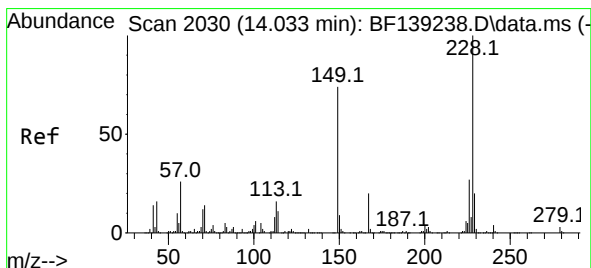
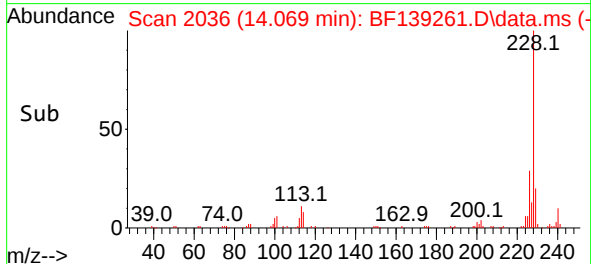
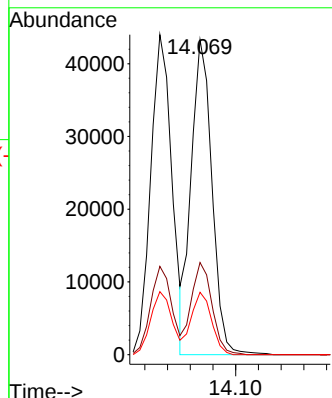
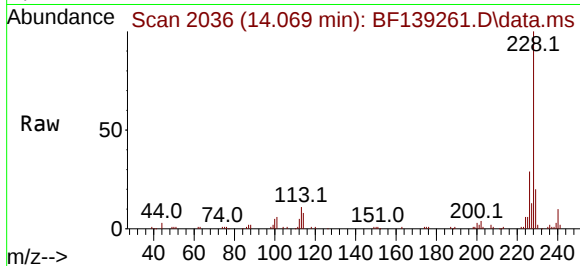




#83
Chrysene
Concen: 4.097 ng
RT: 14.069 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

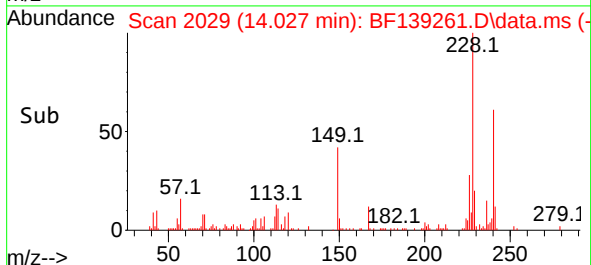
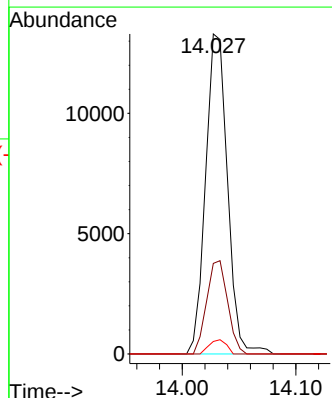
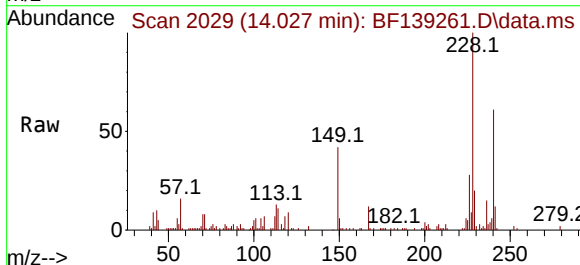
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

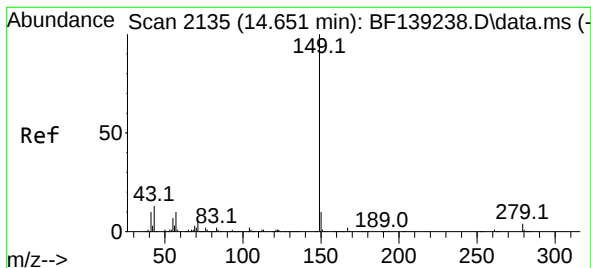
Tgt Ion:228 Resp: 55106
Ion Ratio Lower Upper
228 100
226 29.3 23.8 35.8
229 19.8 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.954 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

Tgt Ion:149 Resp: 17793
Ion Ratio Lower Upper
149 100
167 28.3 21.8 32.6
279 3.9 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 2.298 ng

RT: 14.645 min Scan# 2134

Delta R.T. -0.006 min

Lab File: BF139261.D

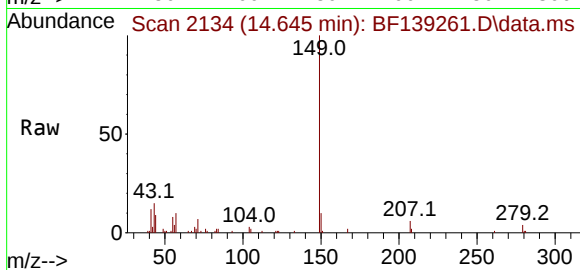
Acq: 05 Sep 2024 16:55

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024



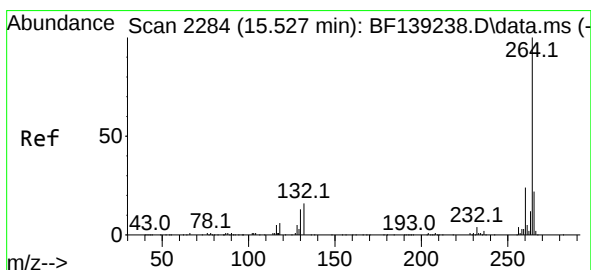
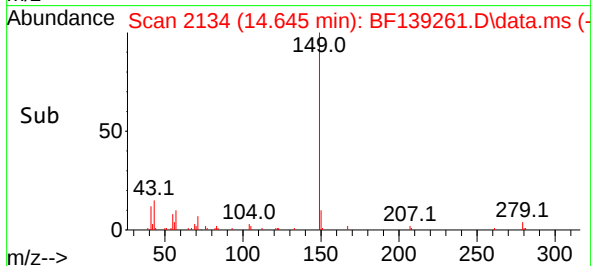
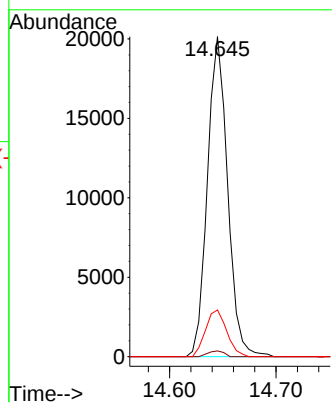
Tgt Ion:149 Resp: 26509

Ion Ratio Lower Upper

149 100

167 1.4 1.3 1.9

43 15.3 10.9 16.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2283

Delta R.T. -0.006 min

Lab File: BF139261.D

Acq: 05 Sep 2024 16:55

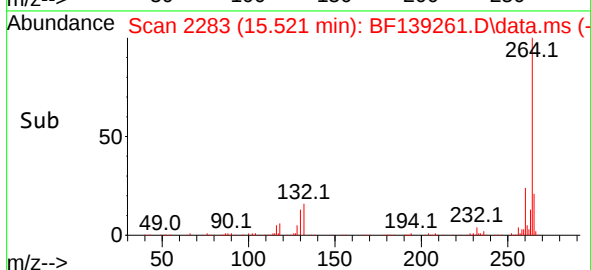
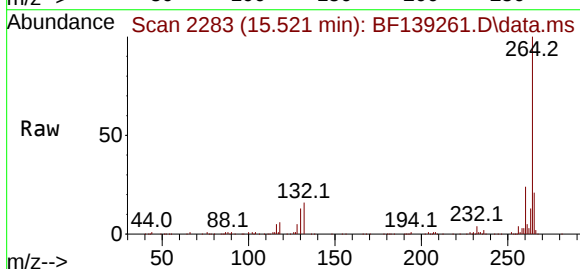
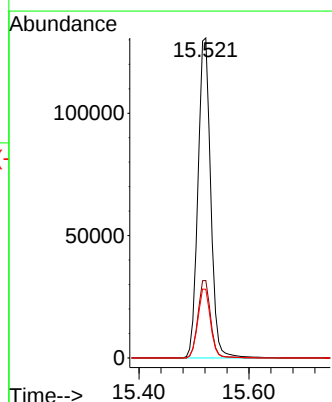
Tgt Ion:264 Resp: 210287

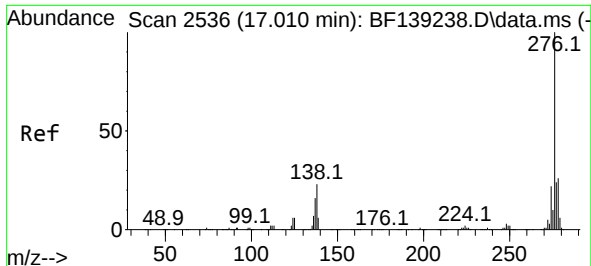
Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 21.5 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.896 ng

RT: 16.992 min Scan# 2109

Delta R.T. -0.018 min

Lab File: BF139261.D

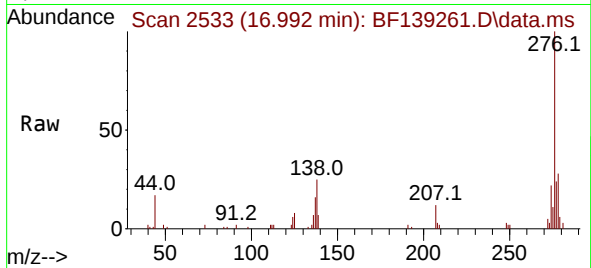
Acq: 05 Sep 2024 16:55

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024



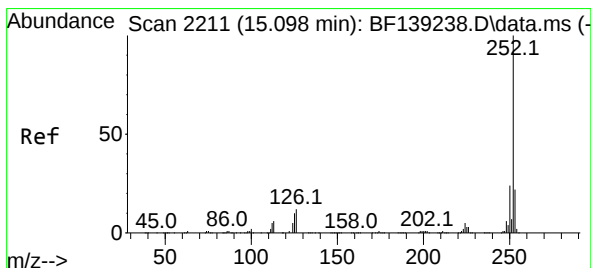
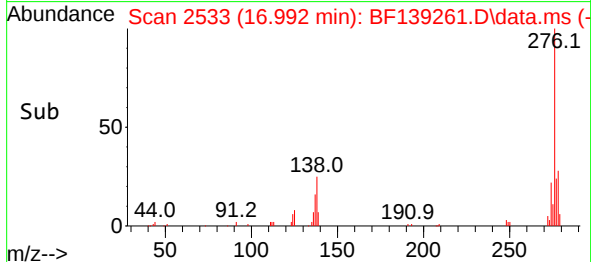
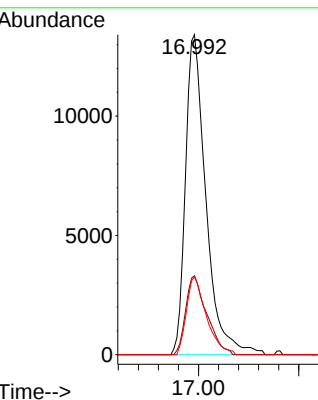
Tgt Ion:276 Resp: 38039

Ion Ratio Lower Upper

276 100

138 25.2 20.4 30.6

277 23.6 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 3.530 ng

RT: 15.086 min Scan# 2209

Delta R.T. -0.012 min

Lab File: BF139261.D

Acq: 05 Sep 2024 16:55

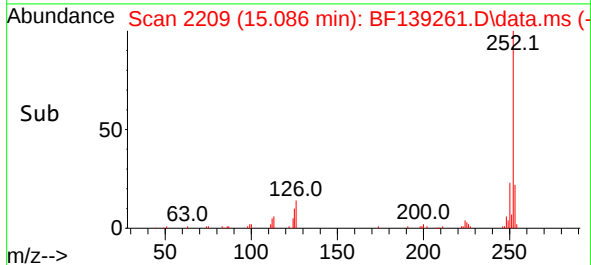
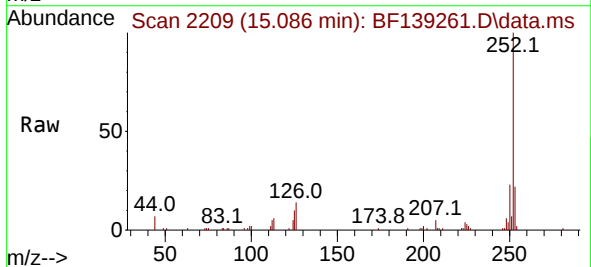
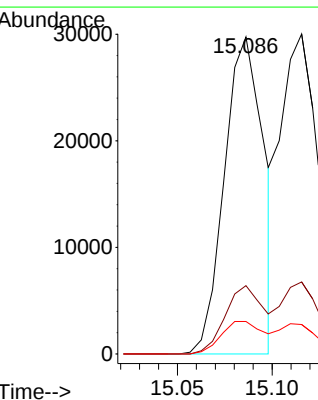
Tgt Ion:252 Resp: 42750

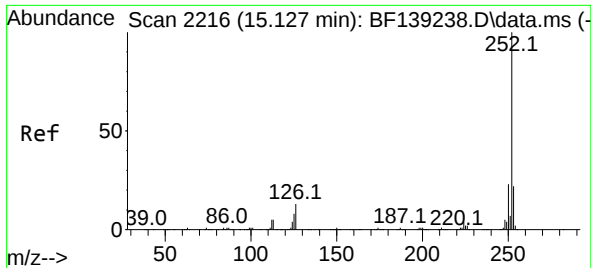
Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

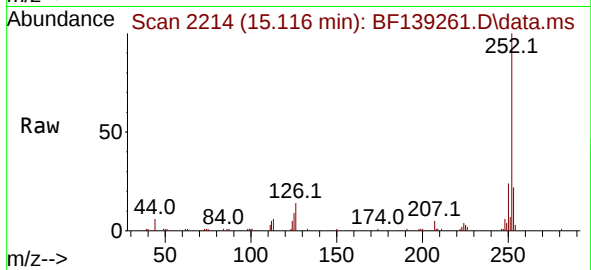
125 10.3 7.6 11.4



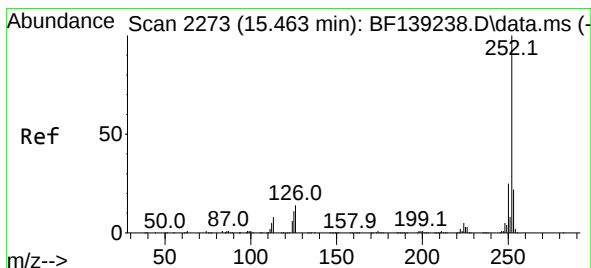
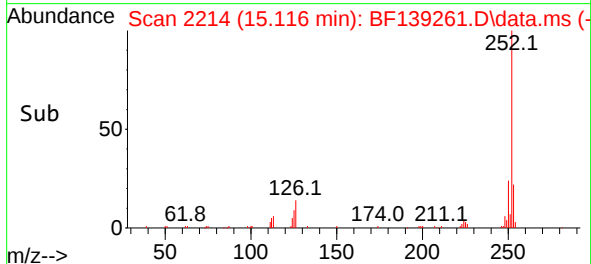
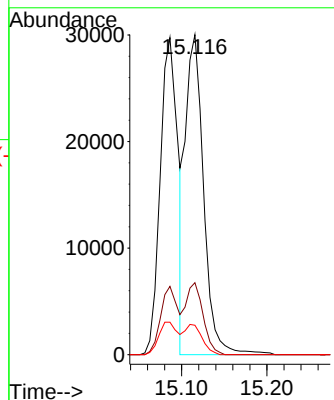


#89
Benzo(k)fluoranthene
Concen: 4.097 ng
RT: 15.116 min Scan# 211
Delta R.T. -0.012 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

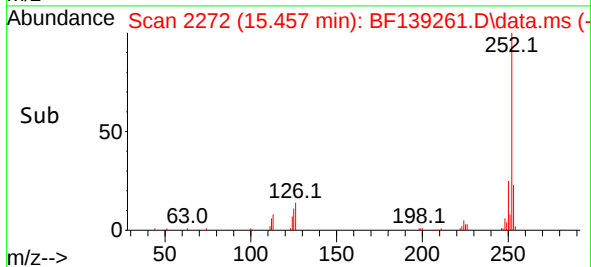
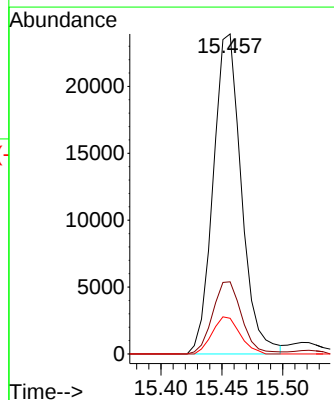
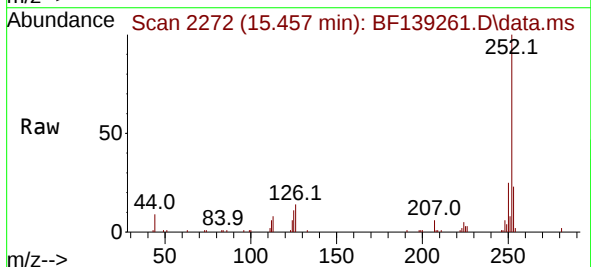


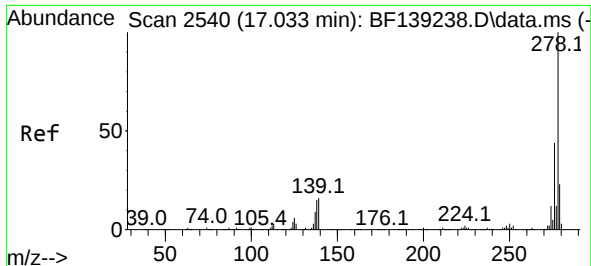
Tgt Ion:252 Resp: 44491
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 9.2 7.2 10.8



#90
Benzo(a)pyrene
Concen: 3.746 ng
RT: 15.457 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

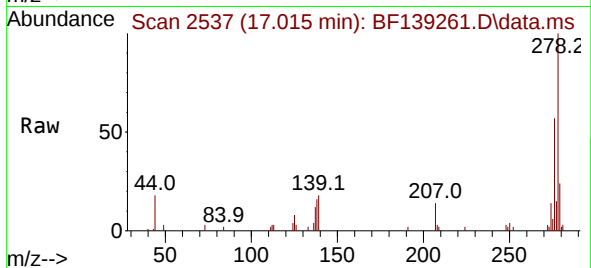
Tgt Ion:252 Resp: 38523
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 11.1 8.6 13.0



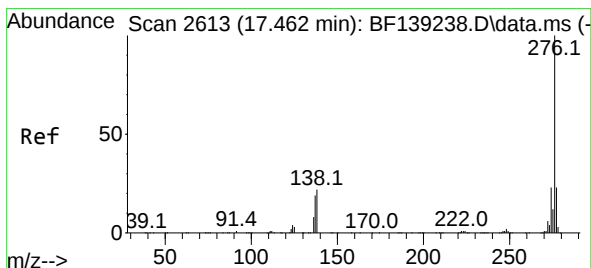
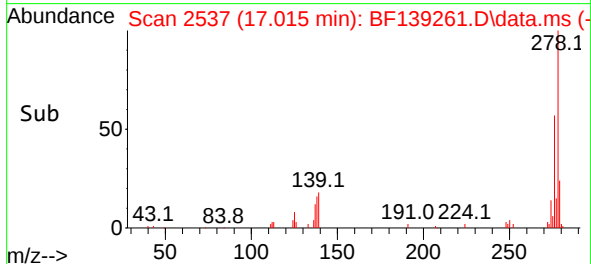
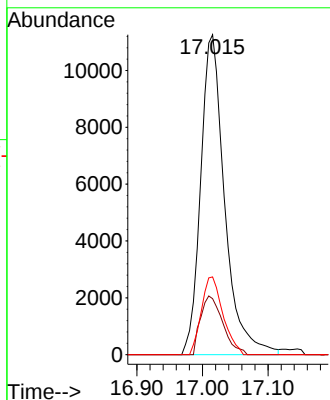


#91
Dibenzo(a,h)anthracene
Concen: 2.650 ng
RT: 17.015 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



Tgt Ion:278 Resp: 28691
Ion Ratio Lower Upper
278 100
139 17.5 12.6 19.0
279 24.3 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 2.756 ng
RT: 17.433 min Scan# 2608
Delta R.T. -0.029 min
Lab File: BF139261.D
Acq: 05 Sep 2024 16:55

Tgt Ion:276 Resp: 30798
Ion Ratio Lower Upper
276 100
277 22.5 18.6 27.8
138 20.7 17.4 26.0

