

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
 Data File : BF143276.D
 Acq On : 01 Aug 2025 11:44
 Operator : RC/JU
 Sample : Q2126-02
 Misc : LOQ-SOIL-2.5 PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

Quant Time: Aug 01 12:19:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	91651	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	353657	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	190842	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	326122	20.000	ng	0.00
76) Chrysene-d12	14.121	240	194042	20.000	ng	0.00
86) Perylene-d12	15.633	264	191571	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	656982	113.436	ng	0.00
7) Phenol-d6	6.586	99	835698	114.638	ng	0.00
23) Nitrobenzene-d5	7.516	82	500762	70.581	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	249542	126.574	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	938306	67.241	ng	0.00
79) Terphenyl-d14	13.068	244	909940	69.783	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.804	88	6971	2.544	ng	96
3) Pyridine	3.646	79	14844	2.087	ng	99
4) n-Nitrosodimethylamine	3.510	42	7589	2.066	ng	# 92
6) Aniline	6.622	93	22851	2.249	ng	98
8) 2-Chlorophenol	6.745	128	14585	2.402	ng	# 81
9) Benzaldehyde	6.510	77	12555	2.297	ng	98
10) Phenol	6.598	94	19879	2.503	ng	# 31
11) bis(2-Chloroethyl)ether	6.692	93	14428	2.373	ng	93
12) 1,3-Dichlorobenzene	6.904	146	15949	2.418	ng	99
13) 1,4-Dichlorobenzene	6.981	146	15983	2.407	ng	99
14) 1,2-Dichlorobenzene	7.133	146	15388	2.436	ng	99
15) Benzyl Alcohol	7.092	79	11780	2.116	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.228	45	24751	2.194	ng	97
17) 2-Methylphenol	7.204	107	11761	2.304	ng	97
18) Hexachloroethane	7.475	117	5267	2.291	ng	97
19) n-Nitroso-di-n-propyla...	7.357	70	10364	2.216	ng	92
20) 3+4-Methylphenols	7.357	107	14570	2.353	ng	# 50
22) Acetophenone	7.357	105	21067	2.516	ng	96
24) Nitrobenzene	7.533	77	17970	2.717	ng	97
25) Isophorone	7.769	82	28479	2.274	ng	98
26) 2-Nitrophenol	7.851	139	6451	2.247	ng	96
27) 2,4-Dimethylphenol	7.886	122	12455	2.128	ng	98
28) bis(2-Chloroethoxy)met...	7.981	93	17978	2.394	ng	98
29) 2,4-Dichlorophenol	8.098	162	10738	2.176	ng	97
30) 1,2,4-Trichlorobenzene	8.181	180	13138	2.464	ng	100
31) Naphthalene	8.263	128	43350	2.489	ng	99
32) Benzoic acid	7.957	122	2566	5.872	ng	94
33) 4-Chloroaniline	8.304	127	17039	2.396	ng	98
34) Hexachlorobutadiene	8.386	225	8083	2.482	ng	98
36) 4-Chloro-3-methylphenol	8.780	107	12139	2.263	ng	95
37) 2-Methylnaphthalene	8.951	142	26264	2.478	ng	98
38) 1-Methylnaphthalene	9.051	142	28237	2.587	ng	97
40) 1,2,4,5-Tetrachloroben...	9.122	216	13773	2.500	ng	96
44) 2,4,5-Trichlorophenol	9.275	196	8148	2.136	ng	97
46) 1,1'-Biphenyl	9.416	154	38392	2.578	ng	98
47) 2-Chloronaphthalene	9.439	162	26434	2.399	ng	99

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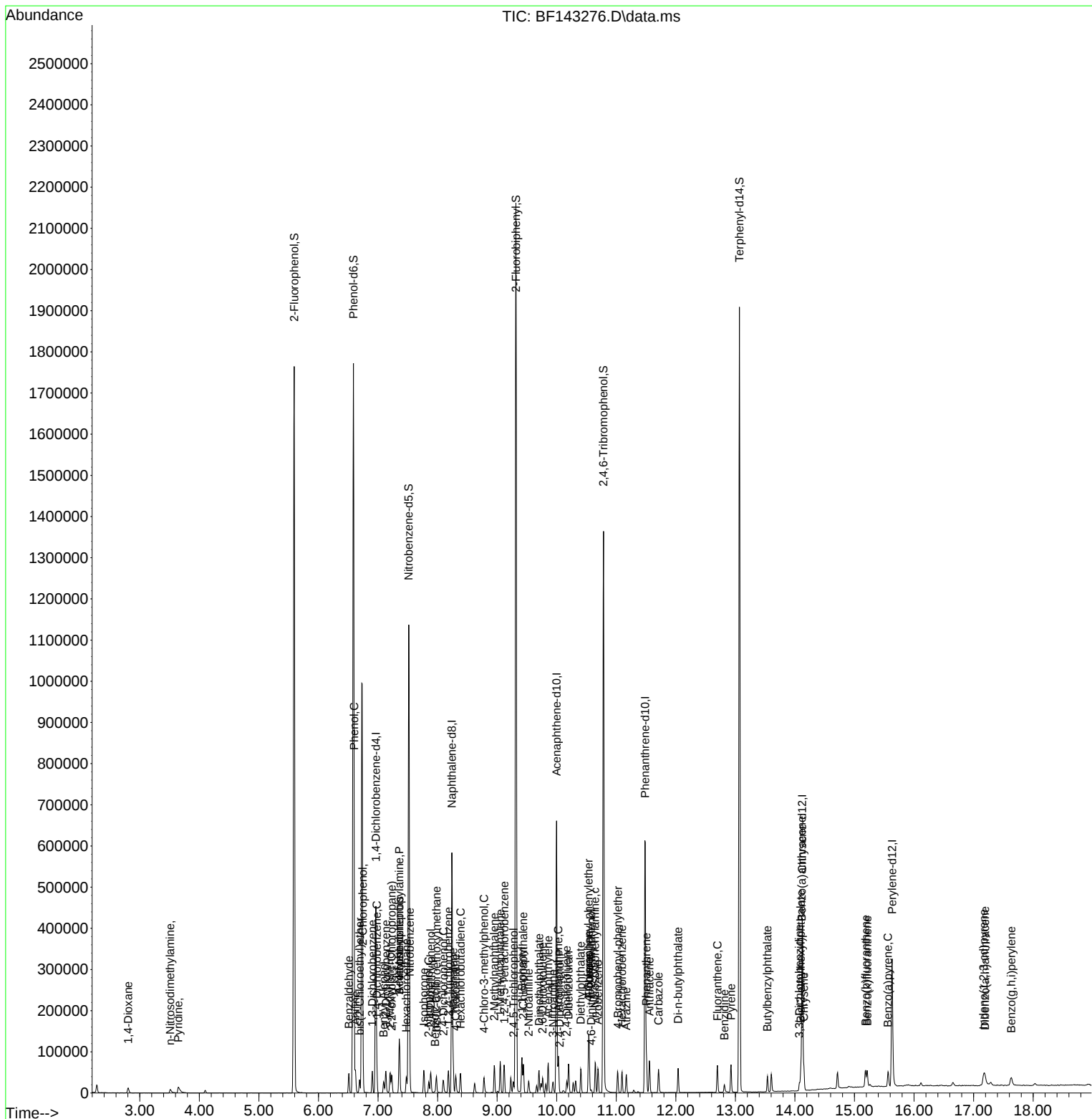
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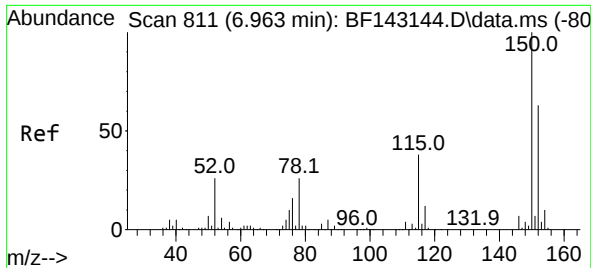
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2-Nitroaniline	9.527	65	7550	2.185	ng	92
49) Acenaphthylene	9.857	152	44535	2.412	ng	99
50) Dimethylphthalate	9.704	163	30804	2.476	ng	99
51) 2,6-Dinitrotoluene	9.763	165	5356	2.117	ng	92
52) Acenaphthene	10.027	154	27031	2.477	ng	97
53) 3-Nitroaniline	9.939	138	6085	2.056	ng	98
54) 2,4-Dinitrophenol	10.051	184	272	6.881	ng	# 1
55) Dibenzofuran	10.198	168	39158	2.417	ng	98
57) 2,4-Dinitrotoluene	10.169	165	6678	2.103	ng	# 97
58) Fluorene	10.545	166	31155	2.562	ng	98
60) Diethylphthalate	10.404	149	30501	2.481	ng	98
61) 4-Chlorophenyl-phenyle...	10.533	204	15408	2.545	ng	97
62) 4-Nitroaniline	10.545	138	5292	2.086	ng	97
63) Azobenzene	10.692	77	29866	2.331	ng	99
65) 4,6-Dinitro-2-methylph...	10.580	198	1367	6.122	ng	88
66) n-Nitrosodiphenylamine	10.645	169	26064	2.270	ng	98
67) 4-Bromophenyl-phenylether	11.027	248	9012	2.319	ng	98
68) Hexachlorobenzene	11.098	284	9573	2.357	ng	99
69) Atrazine	11.169	200	7675	2.424	ng	99
71) Phenanthrene	11.504	178	42986	2.482	ng	99
72) Anthracene	11.557	178	42136	2.386	ng	99
73) Carbazole	11.710	167	36080	2.340	ng	100
74) Di-n-butylphthalate	12.039	149	41299	2.367	ng	99
75) Fluoranthene	12.698	202	39455	2.482	ng	98
77) Benzidine	12.815	184	14963	2.001	ng	98
78) Pyrene	12.927	202	39746	2.400	ng	100
80) Butylbenzylphthalate	13.539	149	11809	2.329	ng	96
81) Benzo(a)anthracene	14.115	228	29854	2.298	ng	99
82) 3,3'-Dichlorobenzidine	14.074	252	8670	2.002	ng	99
83) Chrysene	14.151	228	26953	2.308	ng	97
84) Bis(2-ethylhexyl)phtha...	14.098	149	16550	2.156	ng	97
87) Indeno(1,2,3-cd)pyrene	17.168	276	28205	2.088	ng	97
88) Benzo(b)fluoranthene	15.186	252	24824	2.121	ng	99
89) Benzo(k)fluoranthene	15.215	252	25892	2.479	ng	99
90) Benzo(a)pyrene	15.562	252	23964	2.222	ng	98
91) Dibenzo(a,h)anthracene	17.192	278	22674	2.062	ng	99
92) Benzo(g,h,i)perylene	17.633	276	22067	2.075	ng	97

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

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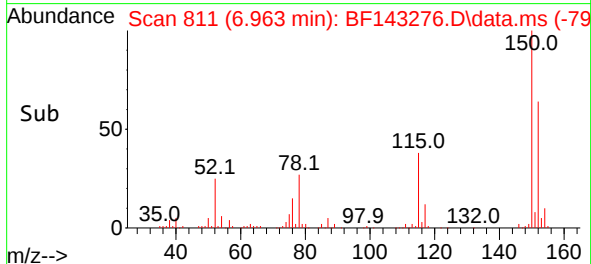
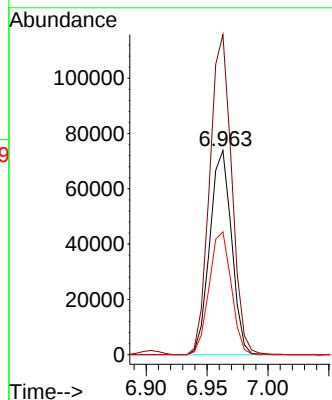
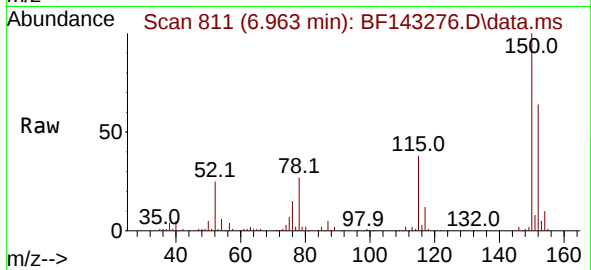




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

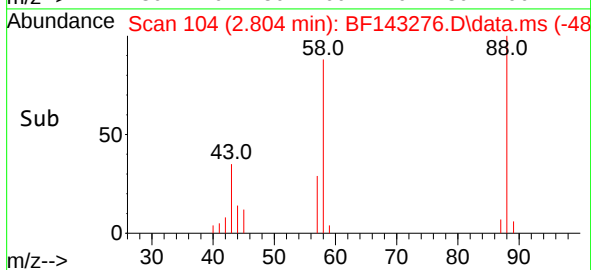
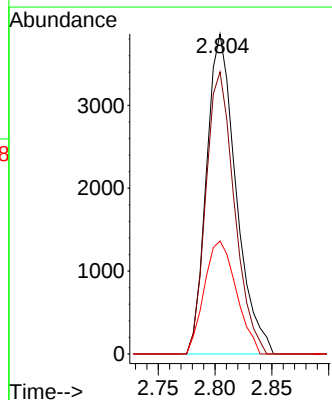
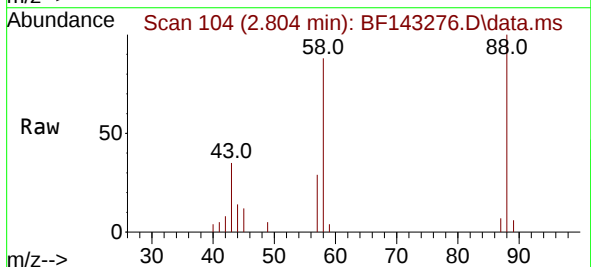
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ClientSampleId :
LOQ-SOIL-02-QT2-2025

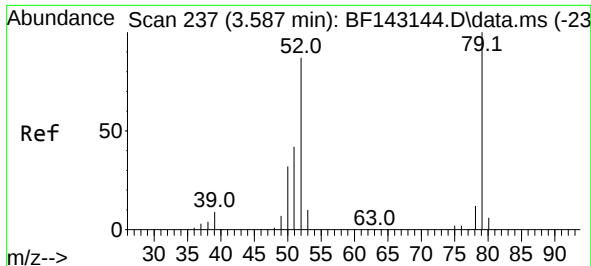
Tgt Ion:152 Resp: 91651
Ion Ratio Lower Upper
152 100
150 156.7 128.2 192.4
115 60.2 47.9 71.9



#2
1,4-Dioxane
Concen: 2.544 ng
RT: 2.804 min Scan# 104
Delta R.T. -0.018 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

Tgt Ion: 88 Resp: 6971
Ion Ratio Lower Upper
88 100
58 85.1 70.2 105.2
43 38.2 27.1 40.7





#3

Pyridine

Concen: 2.087 ng

RT: 3.646 min Scan# 24

Delta R.T. 0.059 min

Lab File: BF143276.D

Acq: 01 Aug 2025 11:44

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2025

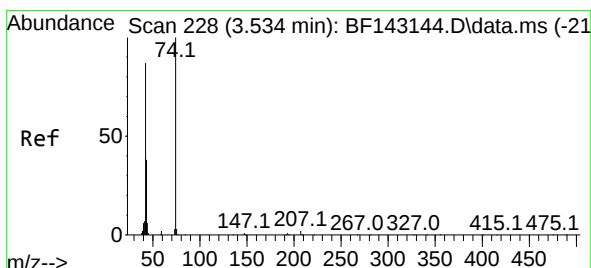
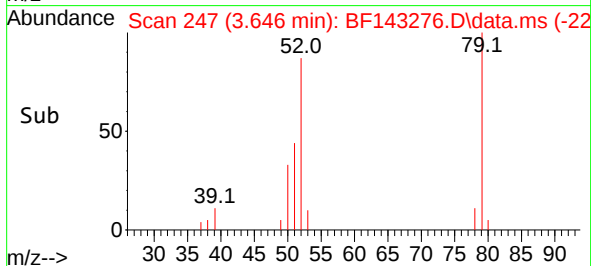
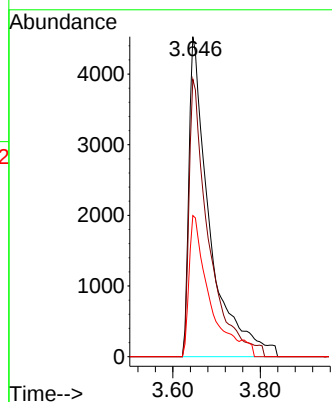
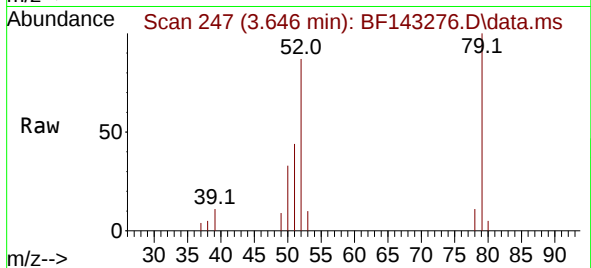
Tgt Ion: 79 Resp: 14844

Ion Ratio Lower Upper

79 100

52 86.7 69.4 104.2

51 44.1 33.5 50.3



#4

n-Nitrosodimethylamine

Concen: 2.066 ng

RT: 3.510 min Scan# 224

Delta R.T. -0.024 min

Lab File: BF143276.D

Acq: 01 Aug 2025 11:44

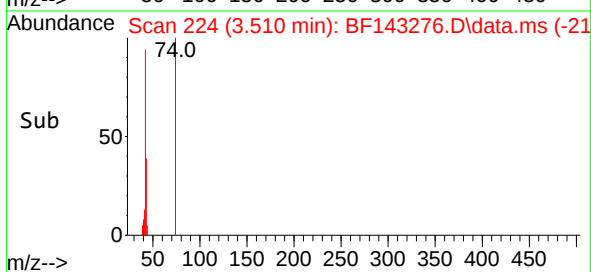
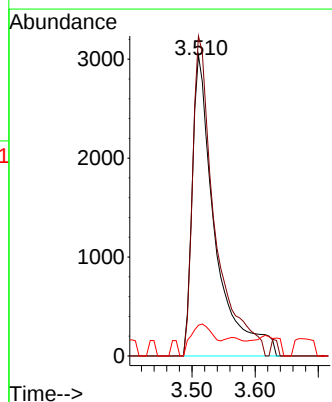
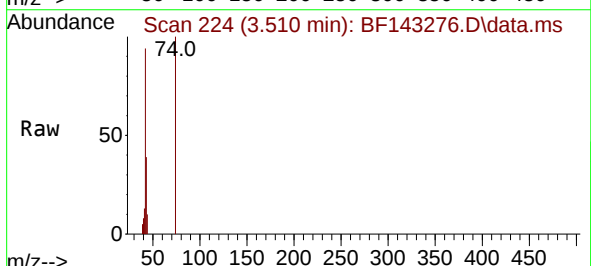
Tgt Ion: 42 Resp: 7589

Ion Ratio Lower Upper

42 100

74 106.4 91.7 137.5

44 10.2 5.6 8.4#

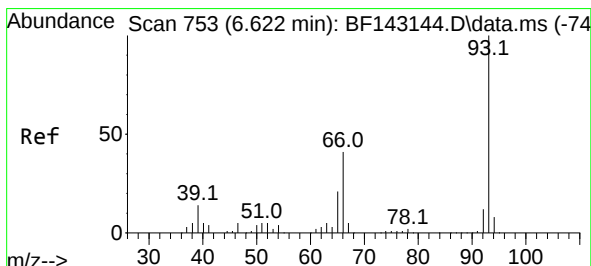
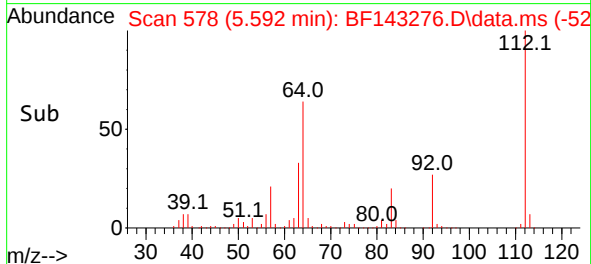
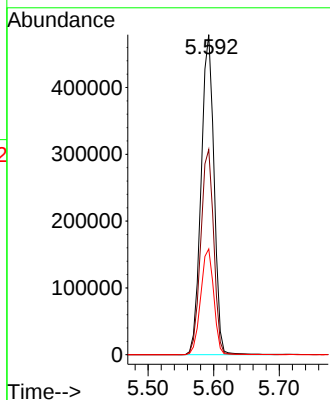
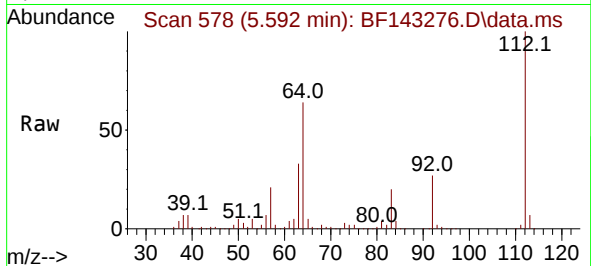




#5
2-Fluorophenol
Concen: 113.436 ng
RT: 5.592 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

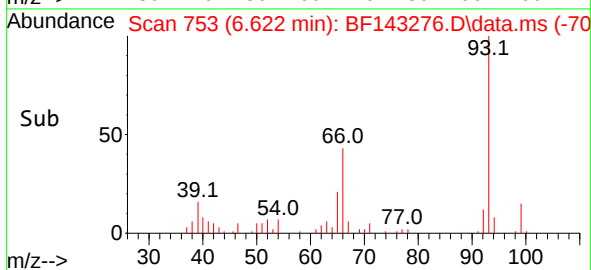
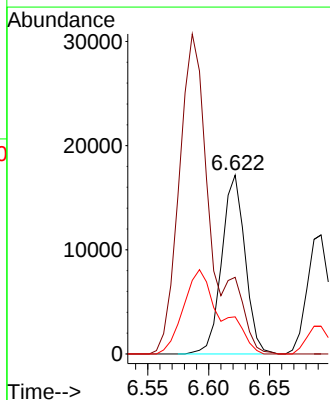
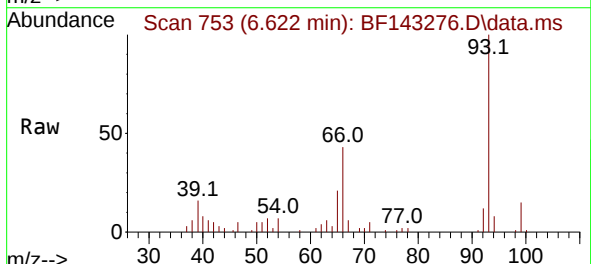
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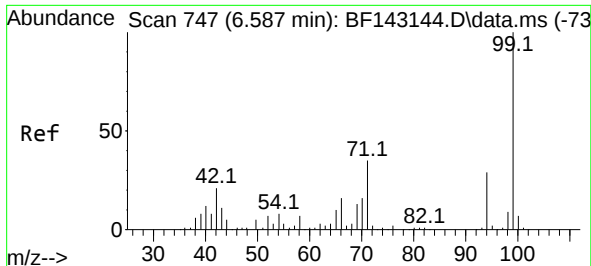
Tgt Ion:112 Resp: 656982
Ion Ratio Lower Upper
112 100
64 64.1 53.1 79.7
63 33.0 26.6 40.0



#6
Aniline
Concen: 2.249 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

Tgt Ion: 93 Resp: 22851
Ion Ratio Lower Upper
93 100
66 42.9 33.2 49.8
65 20.8 16.9 25.3

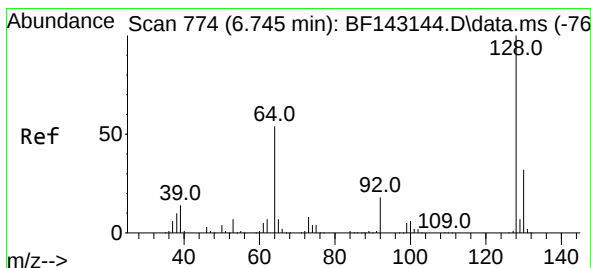
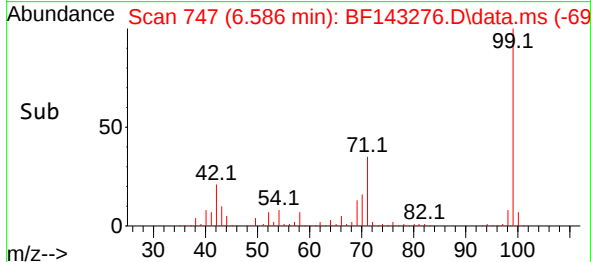
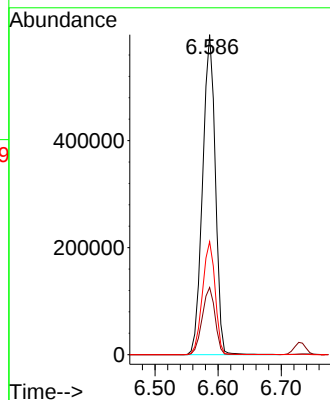
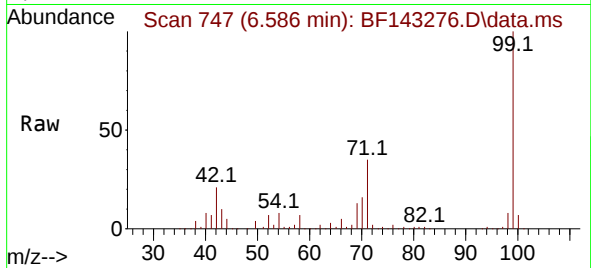




#7
Phenol-d6
Concen: 114.638 ng
RT: 6.586 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

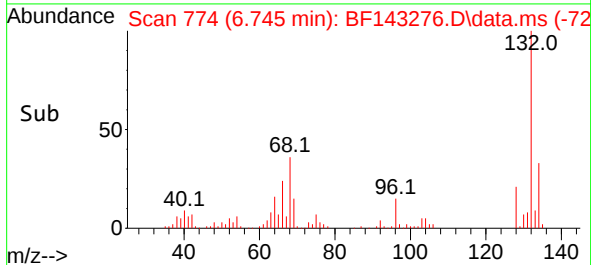
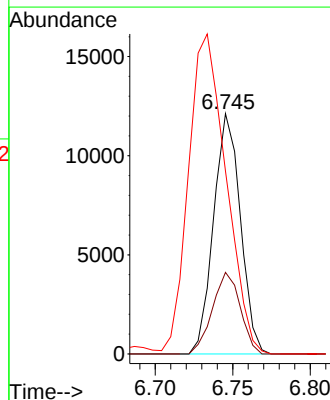
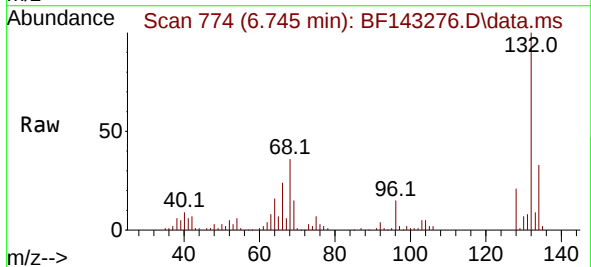
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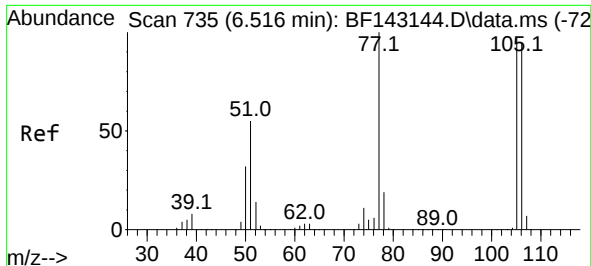
Tgt Ion: 99 Resp: 835698
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 35.3 27.7 41.5



#8
2-Chlorophenol
Concen: 2.402 ng
RT: 6.745 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

Tgt Ion: 128 Resp: 14585
Ion Ratio Lower Upper
128 100
130 33.9 12.3 52.3
64 76.1 35.9 75.9#

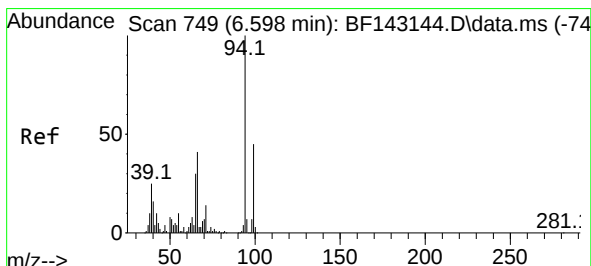
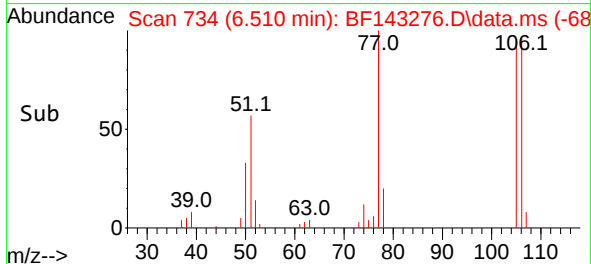
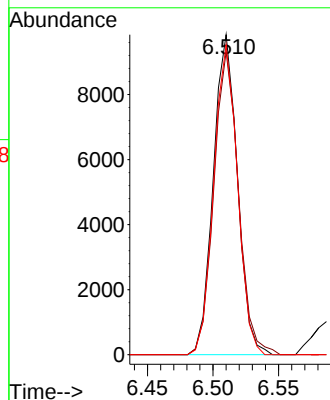
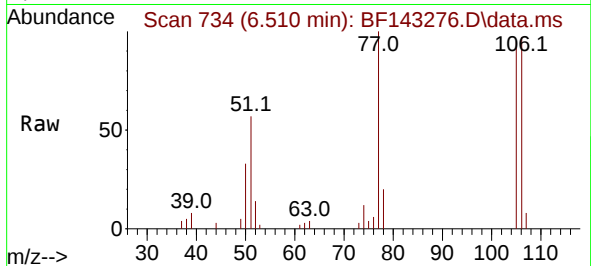




#9
Benzaldehyde
Concen: 2.297 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

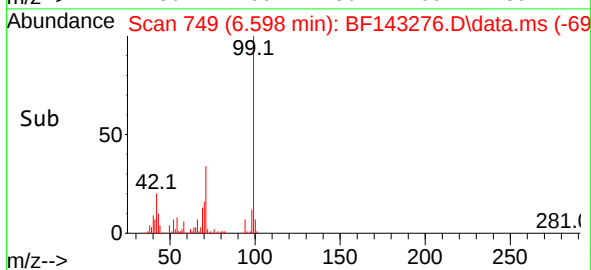
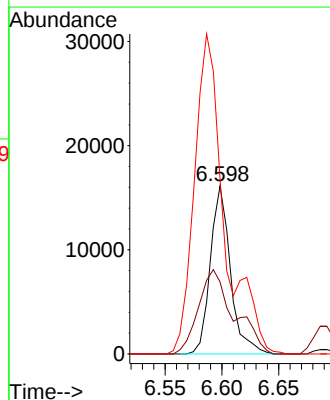
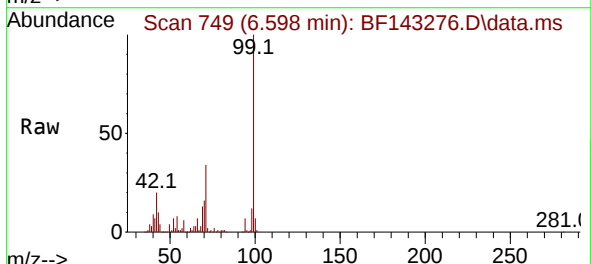
Instrument :
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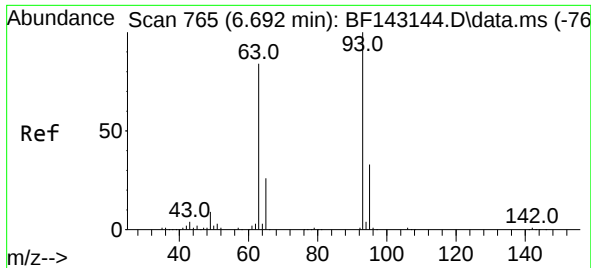
Tgt Ion: 77 Resp: 12555
Ion Ratio Lower Upper
77 100
105 94.7 76.8 116.8
106 96.8 74.4 114.4



#10
Phenol
Concen: 2.503 ng
RT: 6.598 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

Tgt Ion: 94 Resp: 19879
Ion Ratio Lower Upper
94 100
65 42.8 10.0 50.0
66 104.1 20.8 60.8#

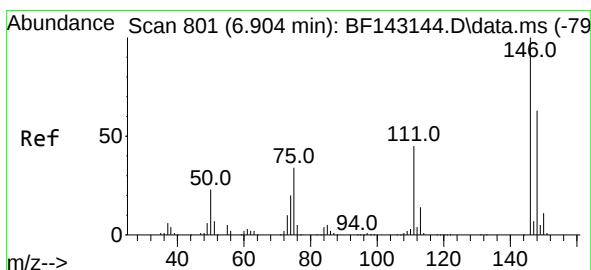
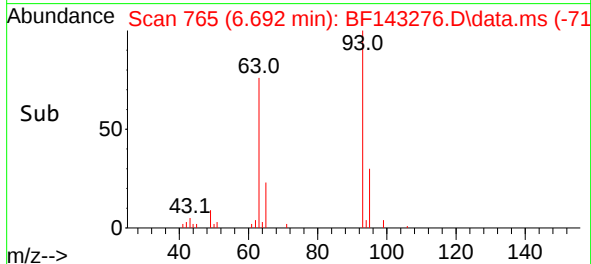
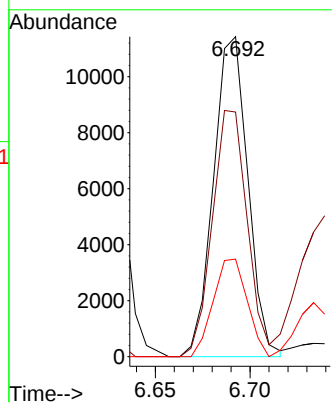
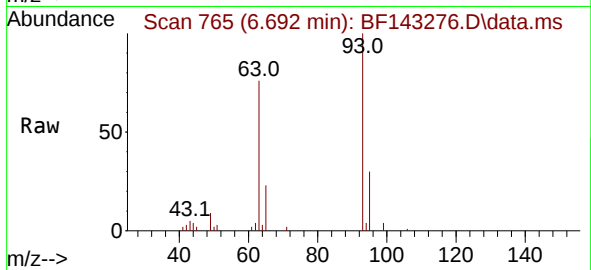




#11
bis(2-Chloroethyl)ether
Concen: 2.373 ng
RT: 6.692 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

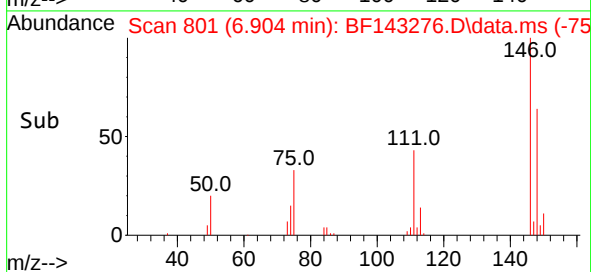
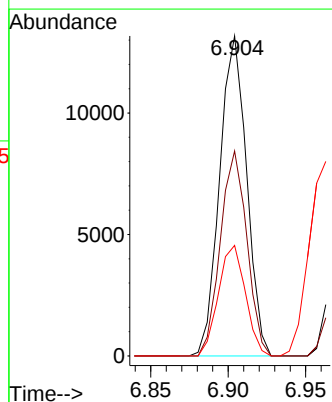
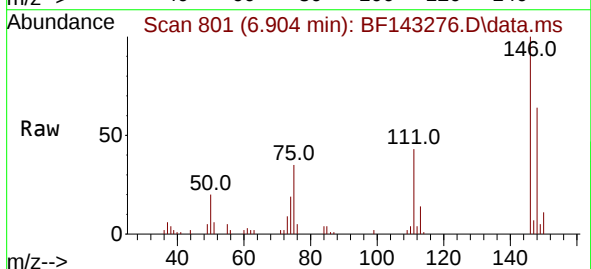
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

Tgt Ion:	93	Resp:	14428
Ion	Ratio	Lower	Upper
93	100		
63	76.4	63.4	103.4
95	30.5	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 2.418 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

Tgt Ion:	146	Resp:	15949
Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	76.0
75	34.5	27.4	41.2

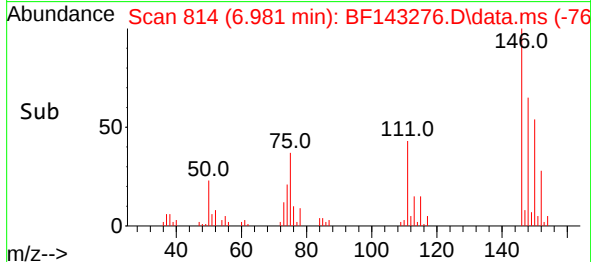
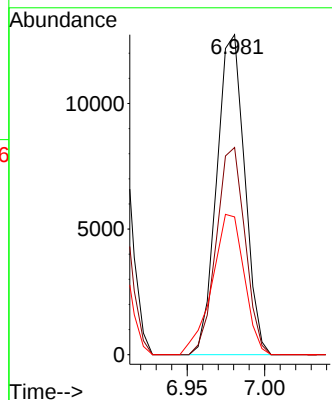
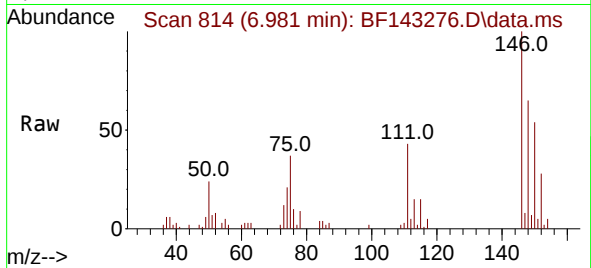




#13
1,4-Dichlorobenzene
Concen: 2.407 ng
RT: 6.981 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

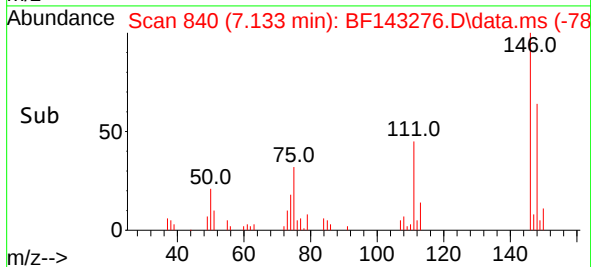
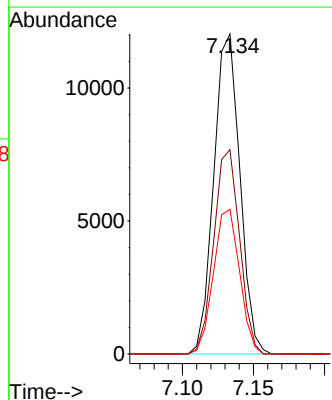
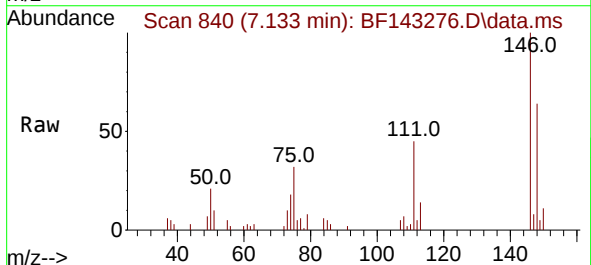
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

Tgt Ion:146 Resp: 15983
Ion Ratio Lower Upper
146 100
148 64.8 50.3 75.5
111 43.1 34.4 51.6



#14
1,2-Dichlorobenzene
Concen: 2.436 ng
RT: 7.133 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

Tgt Ion:146 Resp: 15388
Ion Ratio Lower Upper
146 100
148 63.9 50.7 76.1
111 45.2 36.6 54.8

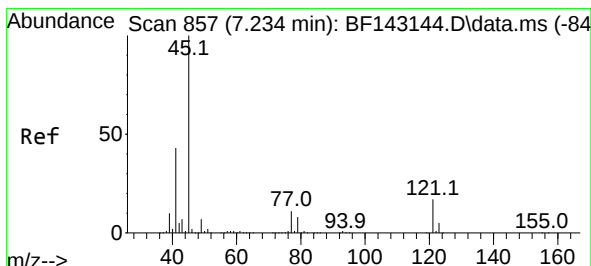
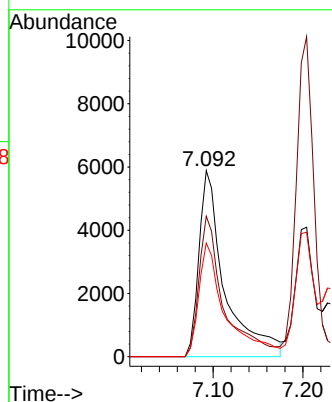
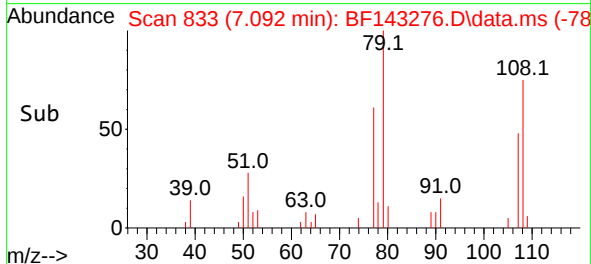
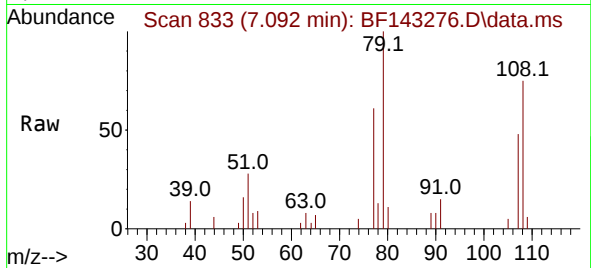




#15
Benzyl Alcohol
Concen: 2.116 ng
RT: 7.092 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

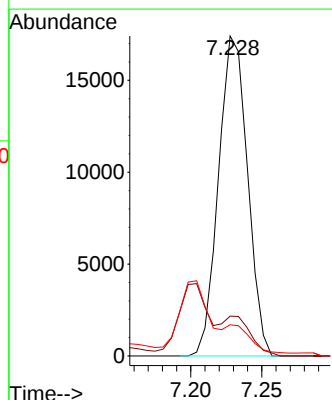
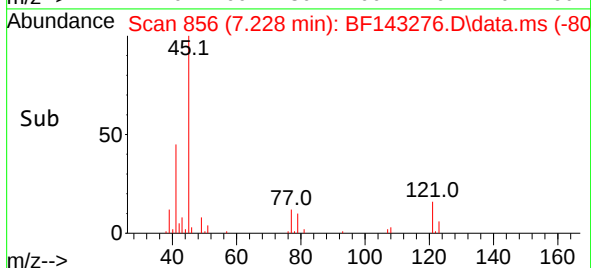
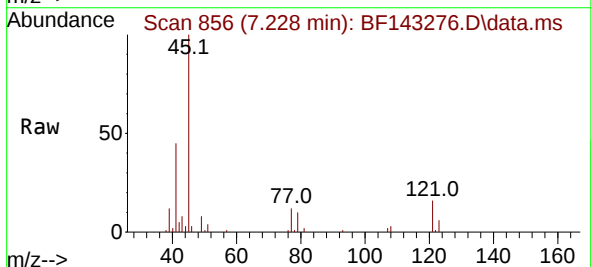
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

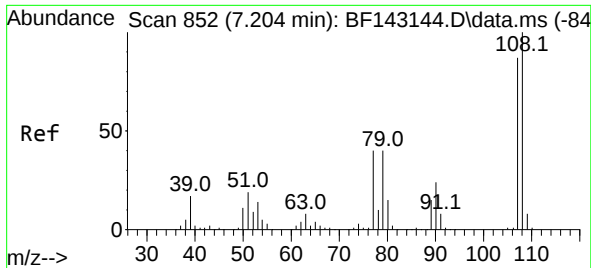
Tgt Ion: 79 Resp: 11780
Ion Ratio Lower Upper
79 100
108 75.5 61.1 91.7
77 61.0 48.9 73.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.194 ng
RT: 7.228 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

Tgt Ion: 45 Resp: 24751
Ion Ratio Lower Upper
45 100
77 12.5 0.0 31.2
79 9.8 0.0 28.5

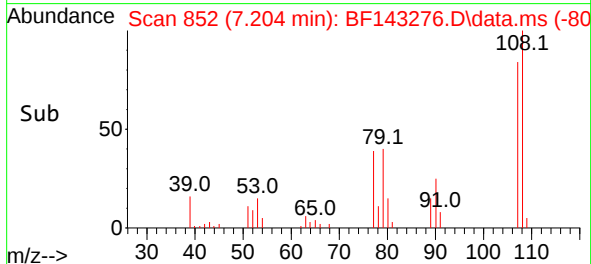
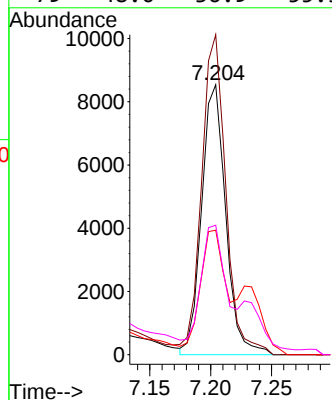
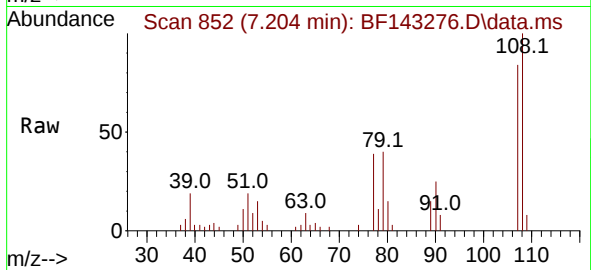




#17
2-Methylphenol
Concen: 2.304 ng
RT: 7.204 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

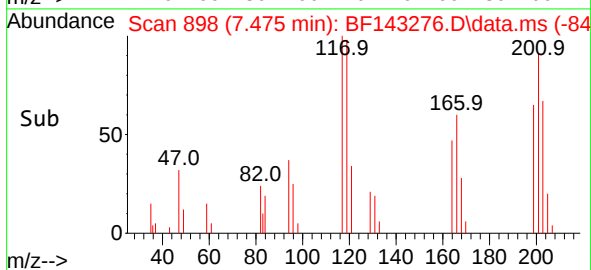
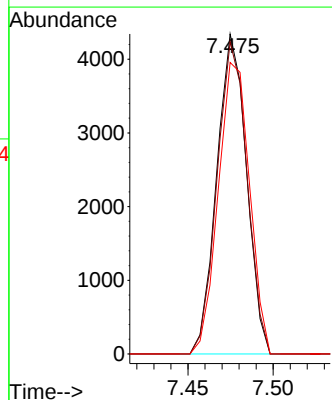
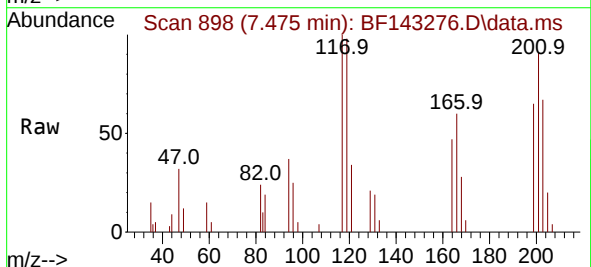
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

Tgt Ion:	107	Resp:	11761
Ion	Ratio	Lower	Upper
107	100		
108	118.6	91.8	137.6
77	46.1	37.0	55.6
79	48.0	36.9	55.3



#18
Hexachloroethane
Concen: 2.291 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

Tgt Ion:	117	Resp:	5267
Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.8	116.8
201	91.1	77.0	115.4

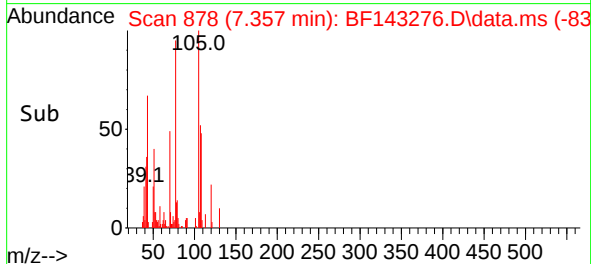
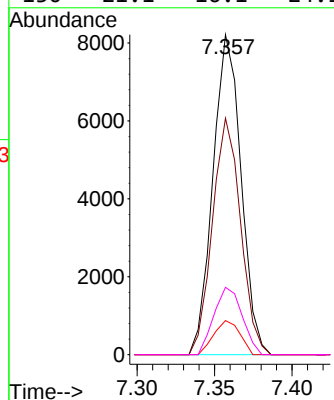
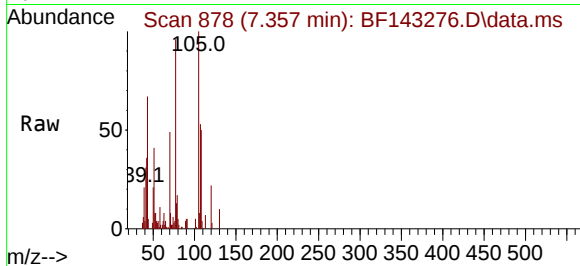




#19
n-Nitroso-di-n-propylamine
Concen: 2.216 ng
RT: 7.357 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

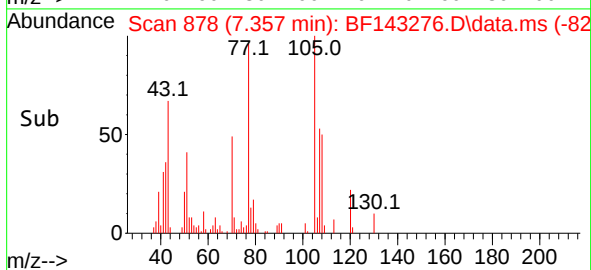
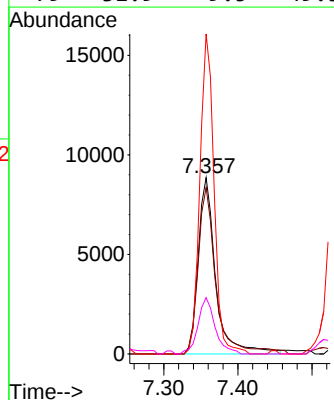
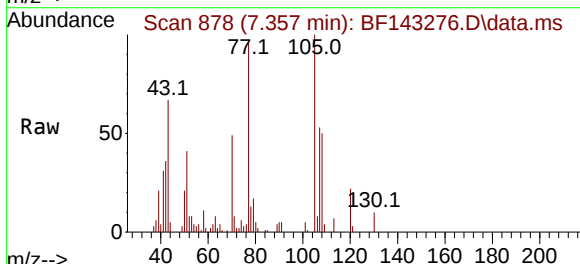
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

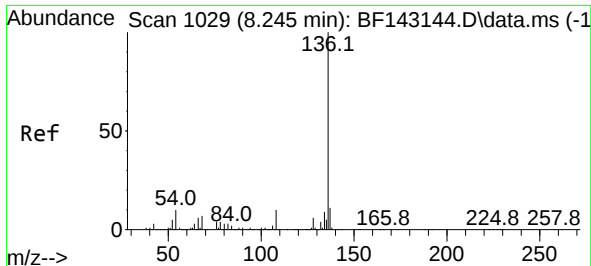
Tgt Ion:	70	Resp:	10364
Ion	Ratio	Lower	Upper
70	100		
42	73.9	52.5	78.7
101	10.7	7.6	11.4
130	21.1	16.1	24.1



#20
3+4-Methylphenols
Concen: 2.353 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

Tgt Ion:	107	Resp:	14570
Ion	Ratio	Lower	Upper
107	100		
108	94.3	70.0	110.0
77	181.4	57.8	97.8#
79	31.9	9.5	49.5

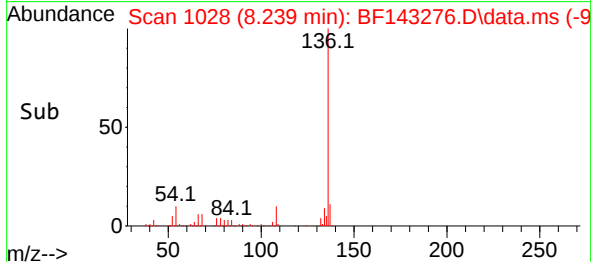
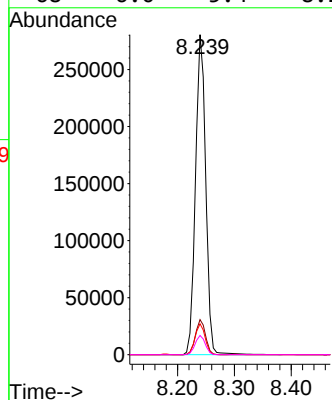
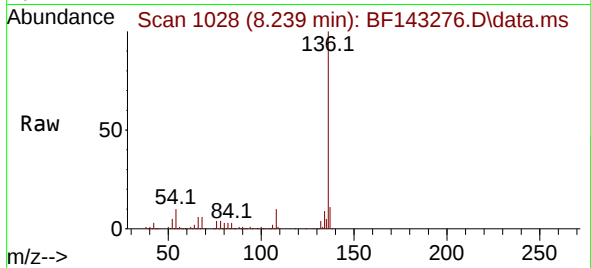




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

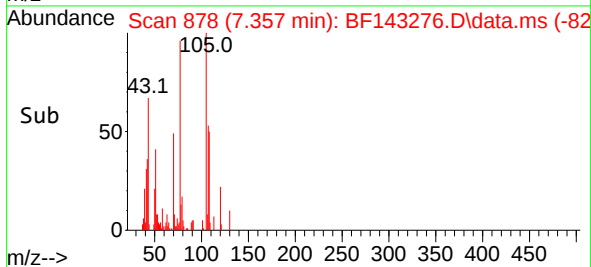
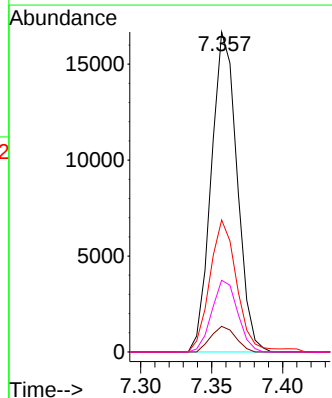
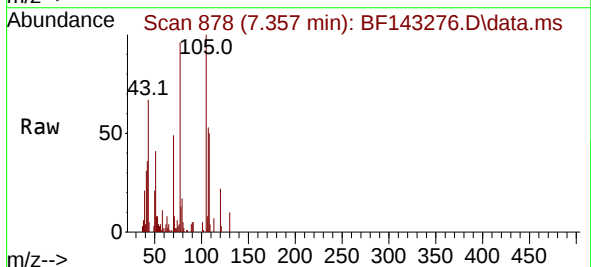
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

Tgt	Ion:136	Resp:	353657
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.7	8.2	12.2
68	6.0	5.4	8.2



#22
Acetophenone
Concen: 2.516 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

Tgt	Ion:105	Resp:	21067
Ion	Ratio	Lower	Upper
105	100		
71	8.0	5.8	8.6
51	41.2	30.2	45.2
120	22.4	18.2	27.4

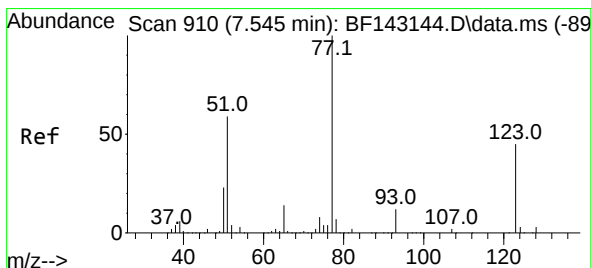
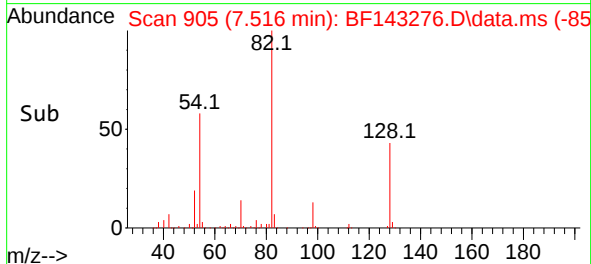
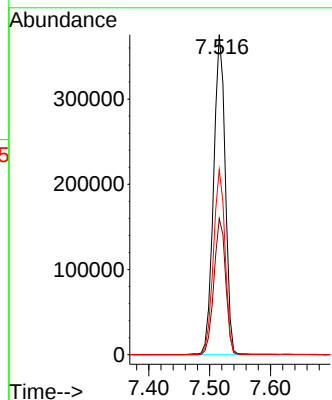
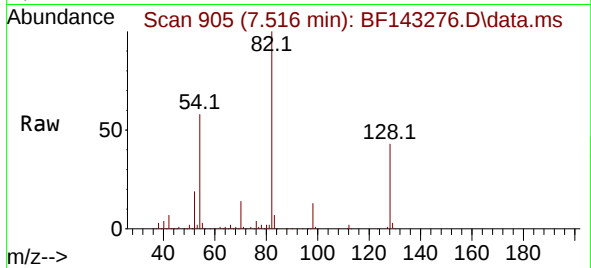




#23
Nitrobenzene-d5
Concen: 70.581 ng
RT: 7.516 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

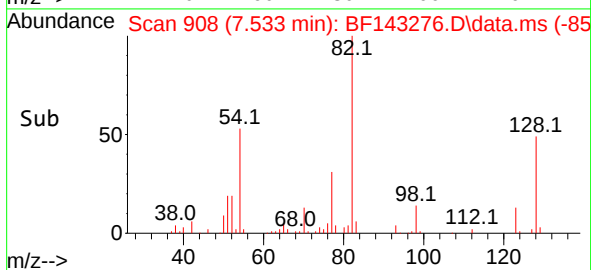
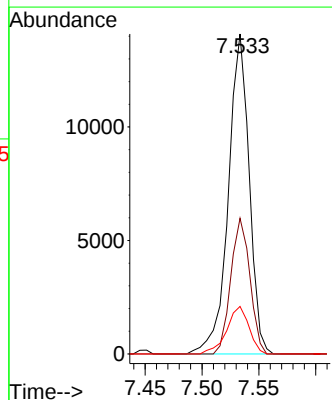
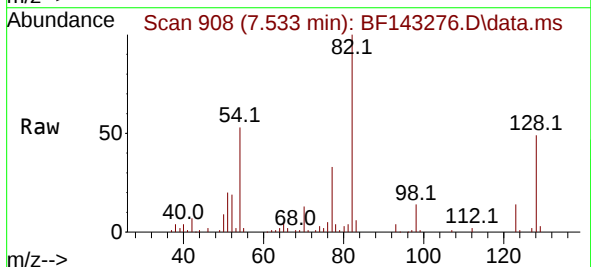
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

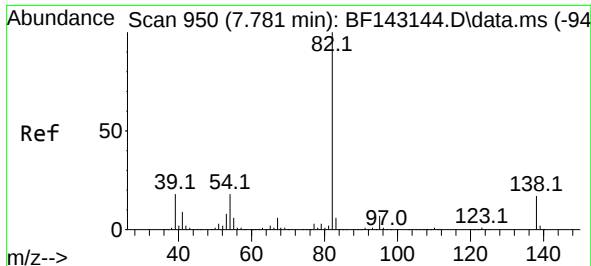
Tgt Ion: 82 Resp: 500762
Ion Ratio Lower Upper
82 100
128 42.5 33.6 50.4
54 57.9 47.1 70.7



#24
Nitrobenzene
Concen: 2.717 ng
RT: 7.533 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

Tgt Ion: 77 Resp: 17970
Ion Ratio Lower Upper
77 100
123 42.4 36.1 54.1
65 14.8 11.4 17.2

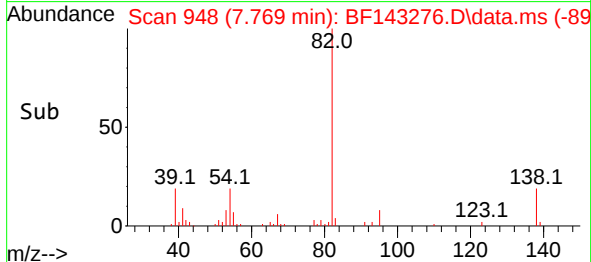
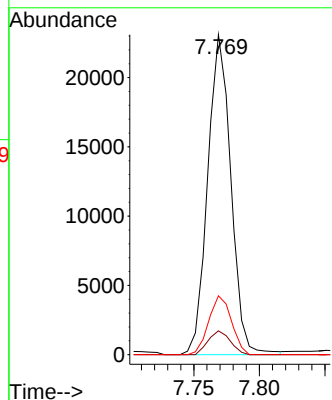
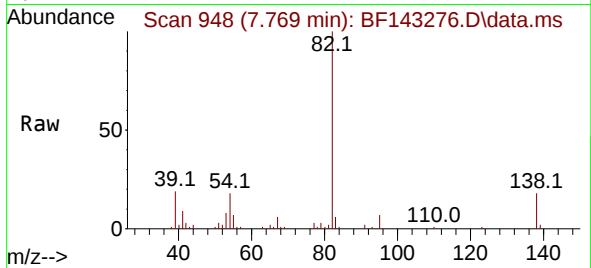




#25
Isophorone
Concen: 2.274 ng
RT: 7.769 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

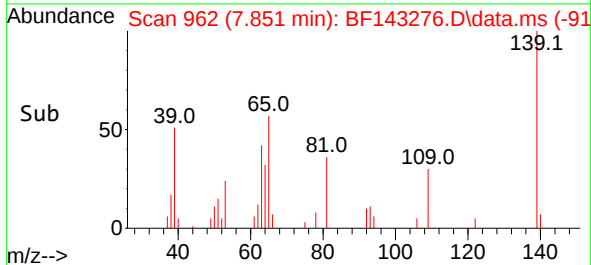
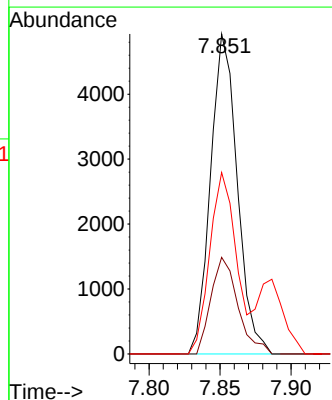
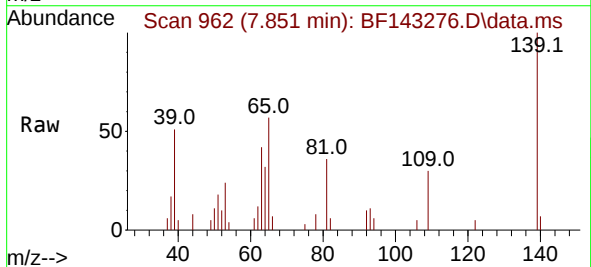
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

Tgt Ion: 82 Resp: 28479
Ion Ratio Lower Upper
82 100
95 7.4 5.5 8.3
138 18.4 13.8 20.8



#26
2-Nitrophenol
Concen: 2.247 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

Tgt Ion:139 Resp: 6451
Ion Ratio Lower Upper
139 100
109 30.2 23.6 35.4
65 56.7 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 2.128 ng

RT: 7.886 min Scan# 9

Delta R.T. -0.000 min

Lab File: BF143276.D

Acq: 01 Aug 2025 11:44

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2025

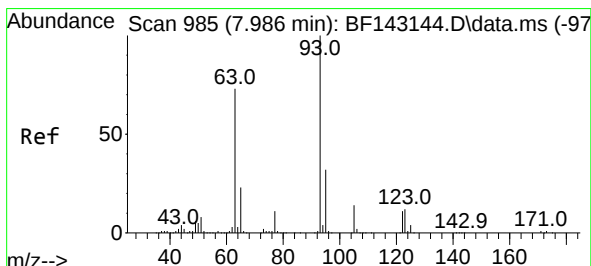
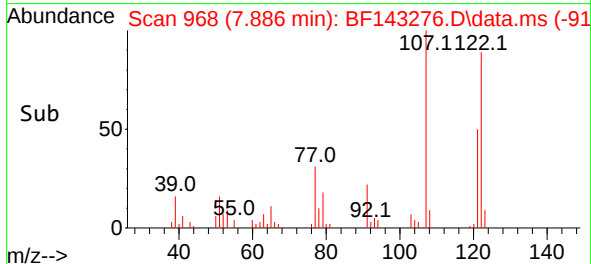
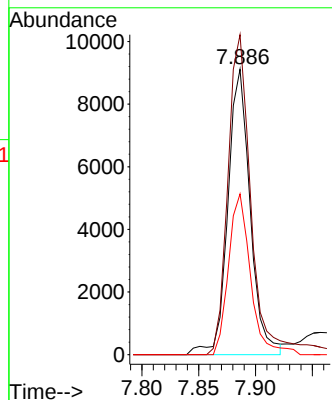
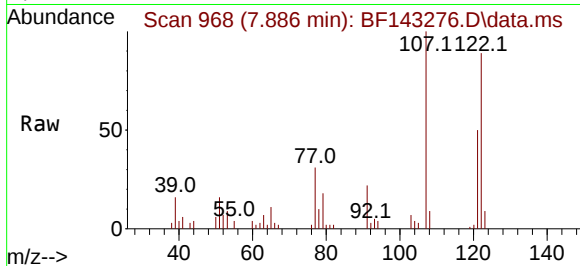
Tgt Ion:122 Resp: 12455

Ion Ratio Lower Upper

122 100

107 112.1 91.8 137.6

121 56.3 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 2.394 ng

RT: 7.981 min Scan# 984

Delta R.T. -0.006 min

Lab File: BF143276.D

Acq: 01 Aug 2025 11:44

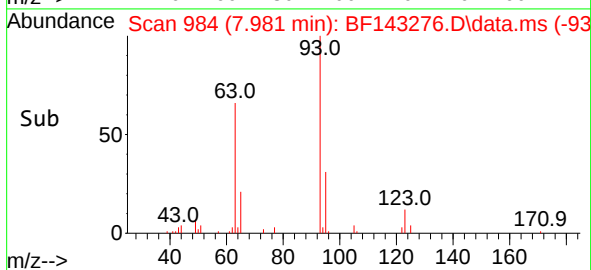
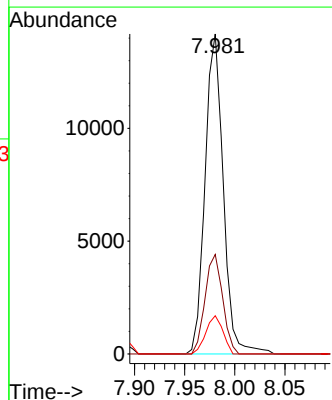
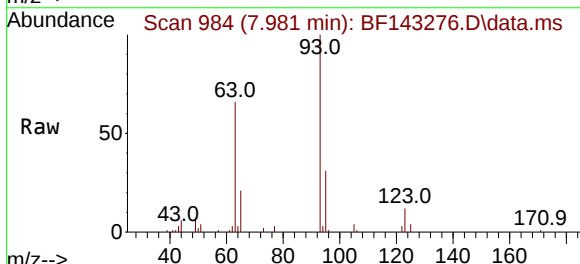
Tgt Ion: 93 Resp: 17978

Ion Ratio Lower Upper

93 100

95 31.1 25.8 38.6

123 11.9 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 2.176 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF143276.D

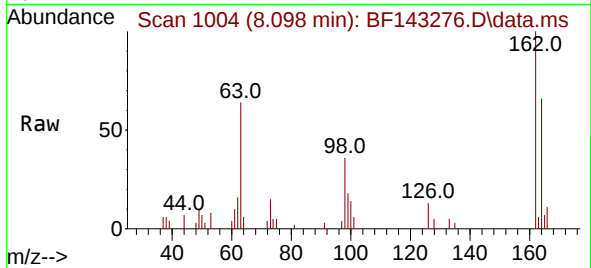
Acq: 01 Aug 2025 11:44

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2025



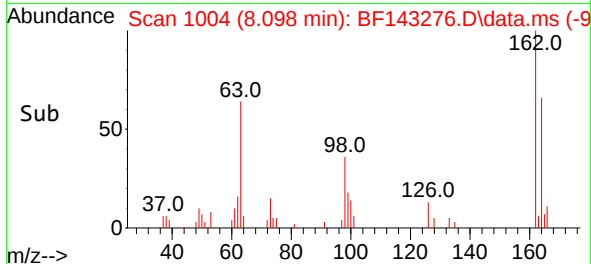
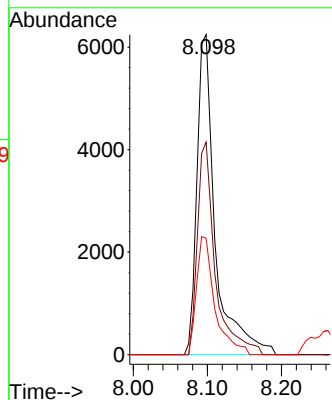
Tgt Ion:162 Resp: 10738

Ion Ratio Lower Upper

162 100

164 66.4 44.2 84.2

98 36.4 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 2.464 ng

RT: 8.181 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF143276.D

Acq: 01 Aug 2025 11:44

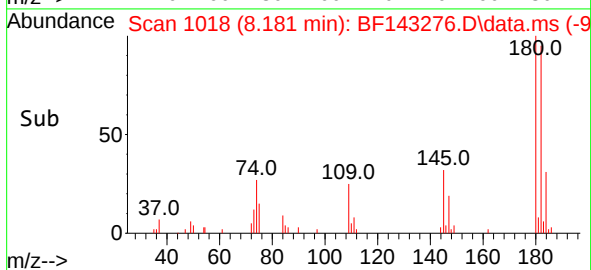
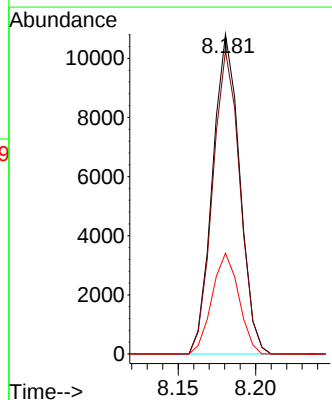
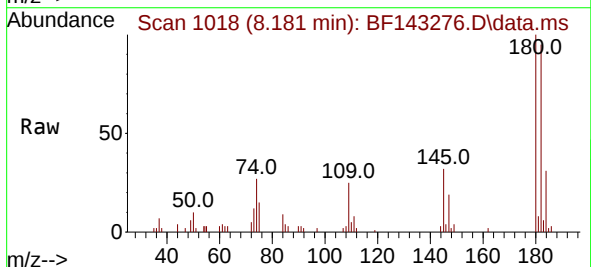
Tgt Ion:180 Resp: 13138

Ion Ratio Lower Upper

180 100

182 94.8 76.2 114.2

145 31.5 25.0 37.6

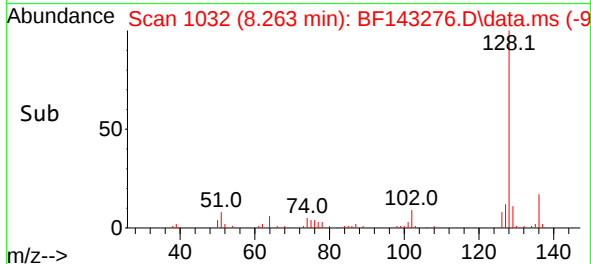
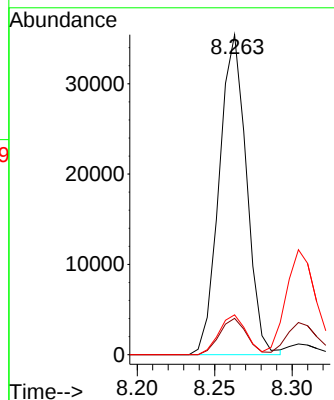
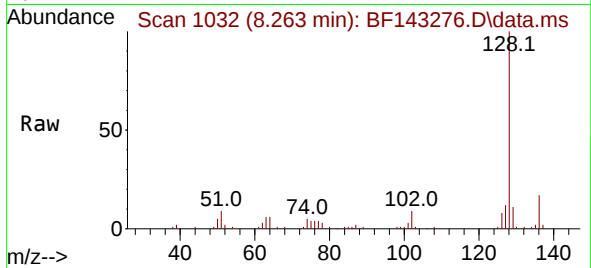




#31
Naphthalene
Concen: 2.489 ng
RT: 8.263 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

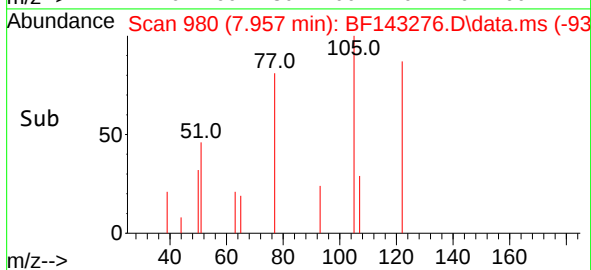
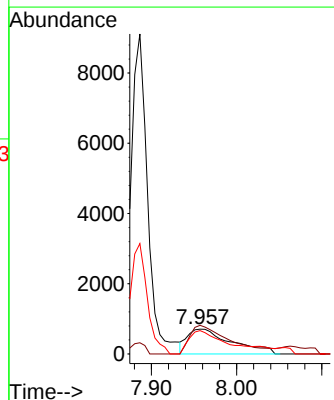
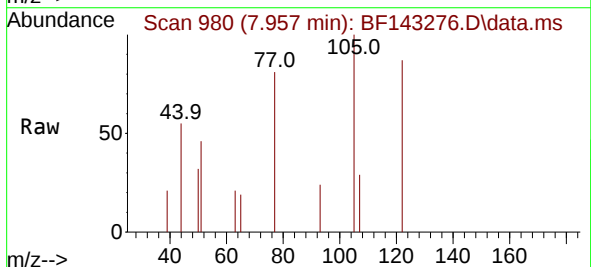
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

Tgt Ion:128 Resp: 43350
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 12.4 10.6 16.0



#32
Benzoic acid
Concen: 5.872 ng
RT: 7.957 min Scan# 980
Delta R.T. -0.035 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

Tgt Ion:122 Resp: 2566
Ion Ratio Lower Upper
122 100
105 115.5 104.8 144.8
77 93.9 77.6 117.6

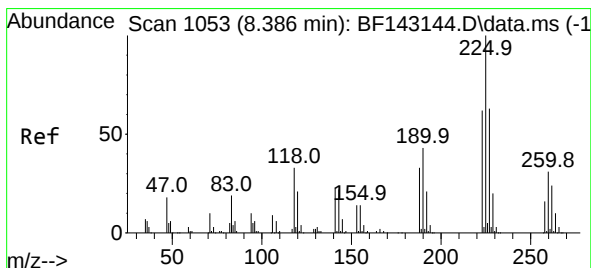
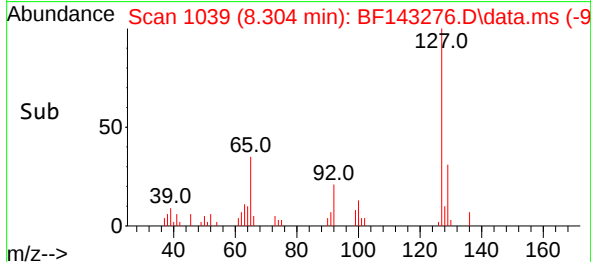
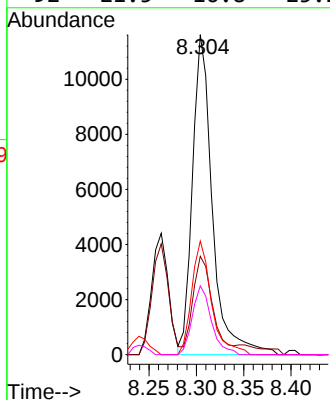
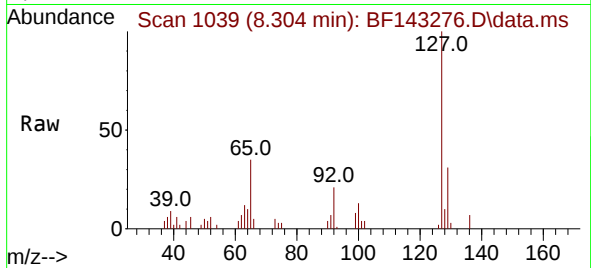




#33
4-Chloroaniline
Concen: 2.396 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

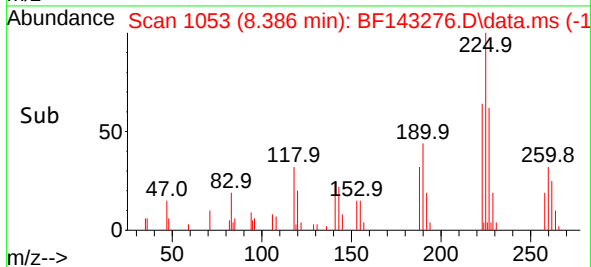
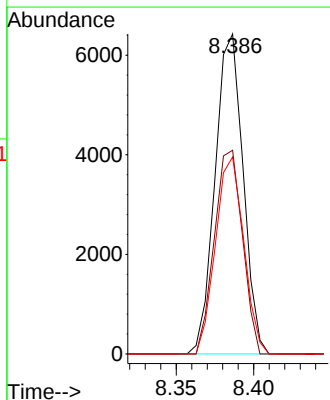
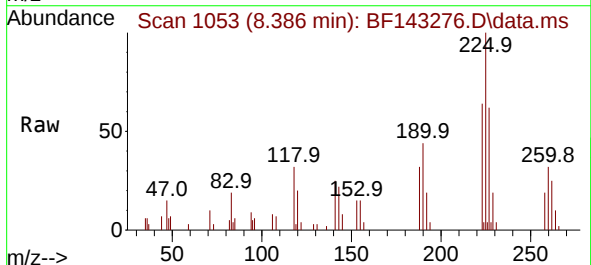
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

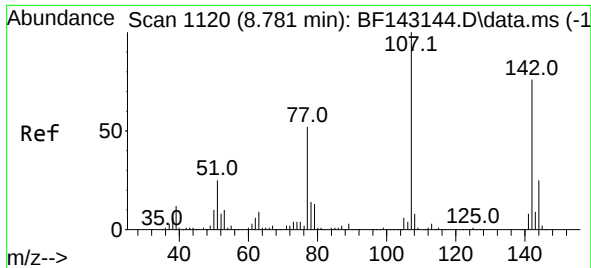
Tgt Ion:	127	Resp:	17039
Ion	Ratio	Lower	Upper
127	100		
129	30.7	26.0	39.0
65	35.5	27.4	41.2
92	21.5	16.8	25.2



#34
Hexachlorobutadiene
Concen: 2.482 ng
RT: 8.386 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

Tgt Ion:	225	Resp:	8083
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.8	74.6
227	61.5	50.2	75.4

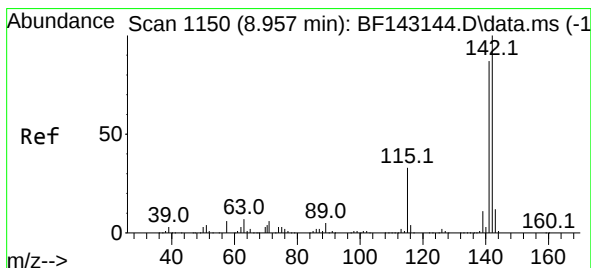
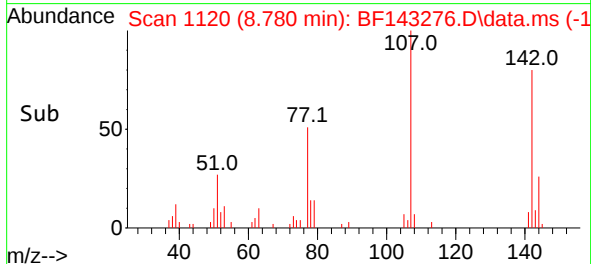
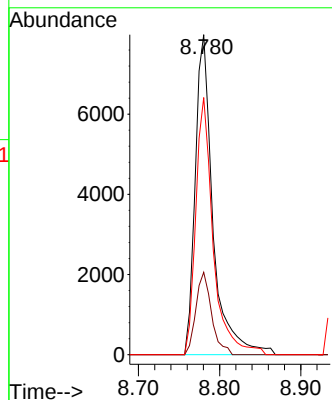
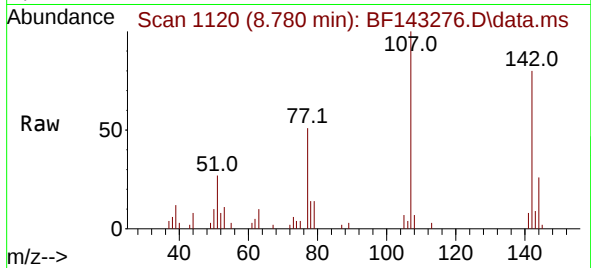




#36
4-Chloro-3-methylphenol
Concen: 2.263 ng
RT: 8.780 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

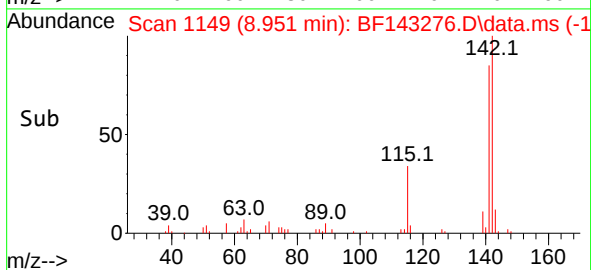
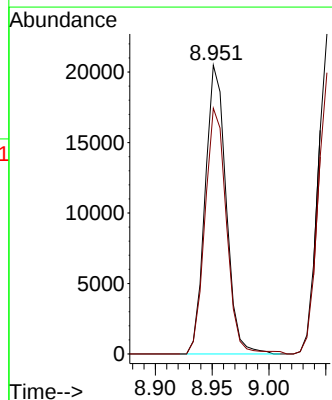
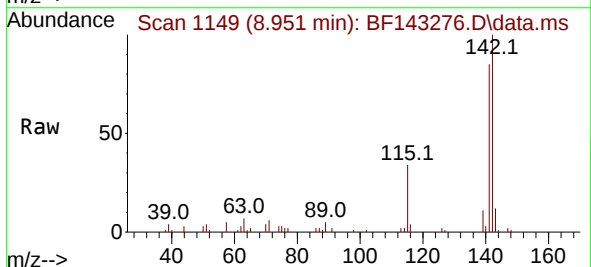
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

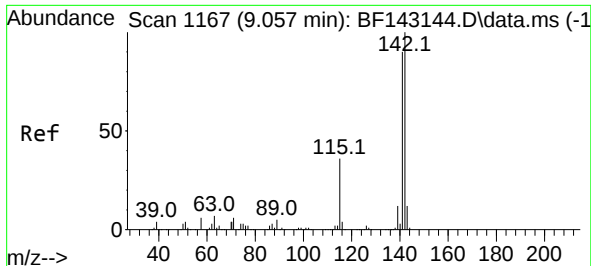
Tgt Ion:	107	Resp:	12139
Ion	Ratio	Lower	Upper
107	100		
144	25.7	19.8	29.6
142	80.3	60.6	90.8



#37
2-Methylnaphthalene
Concen: 2.478 ng
RT: 8.951 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

Tgt Ion:	142	Resp:	26264
Ion	Ratio	Lower	Upper
142	100		
141	85.1	69.9	104.9

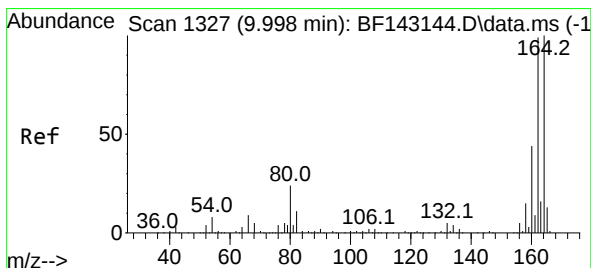
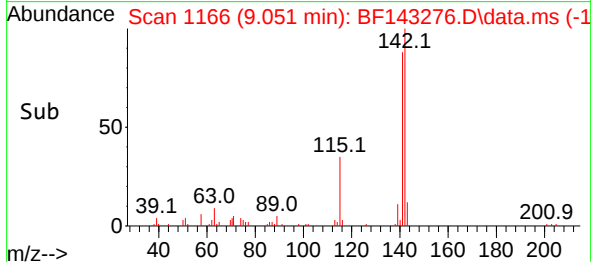
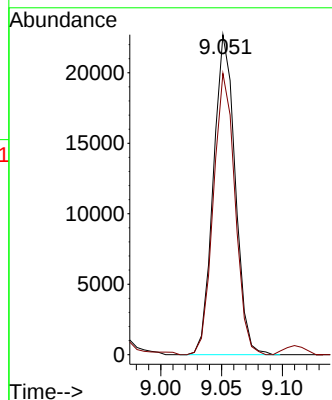
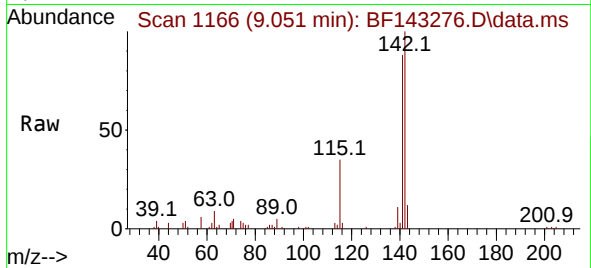




#38
1-Methylnaphthalene
Concen: 2.587 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

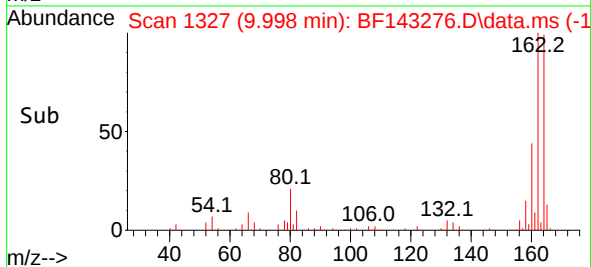
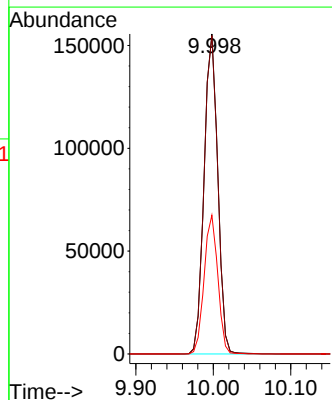
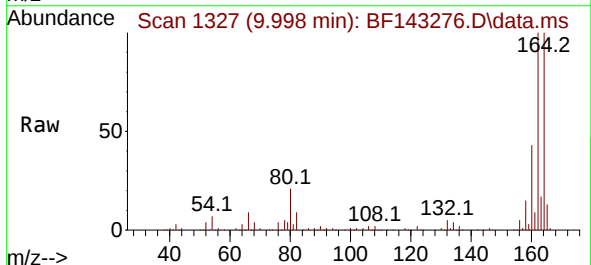
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

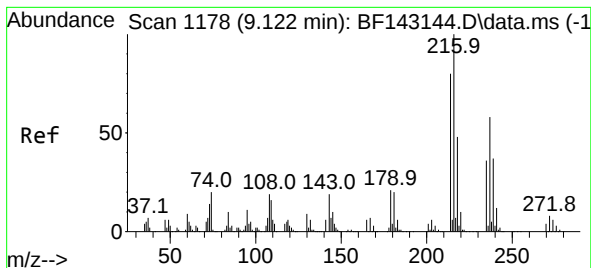
Tgt Ion:142 Resp: 28237
Ion Ratio Lower Upper
142 100
141 87.9 72.3 108.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

Tgt Ion:164 Resp: 190842
Ion Ratio Lower Upper
164 100
162 99.5 79.0 118.6
160 43.4 35.1 52.7

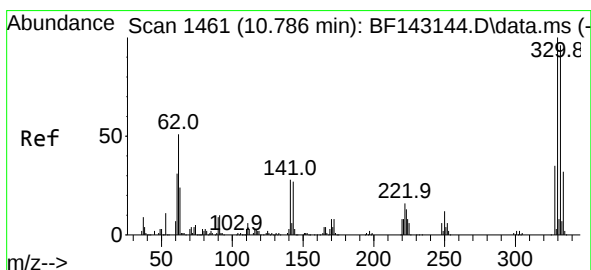
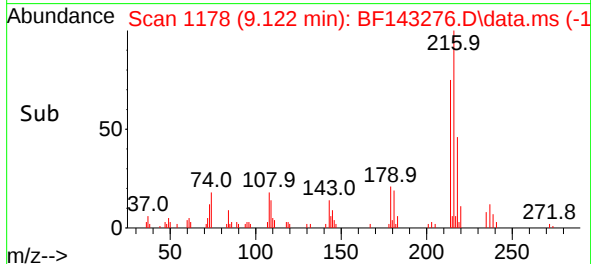
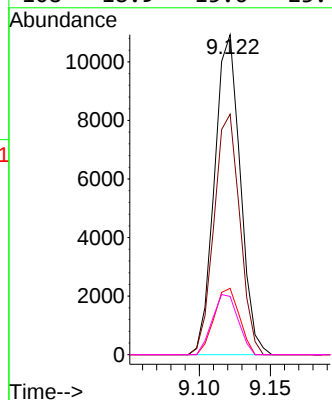
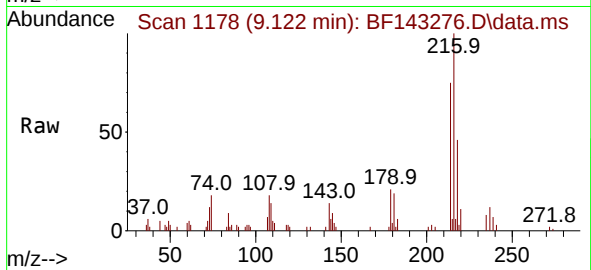




#40
1,2,4,5-Tetrachlorobenzene
Concen: 2.500 ng
RT: 9.122 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

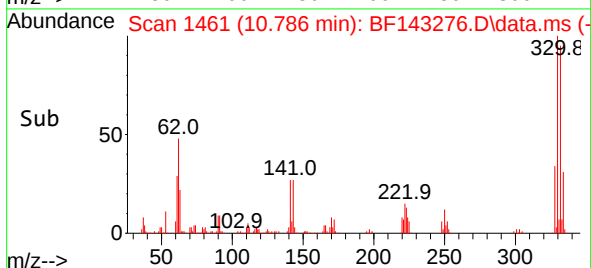
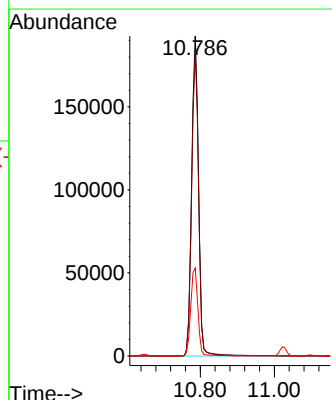
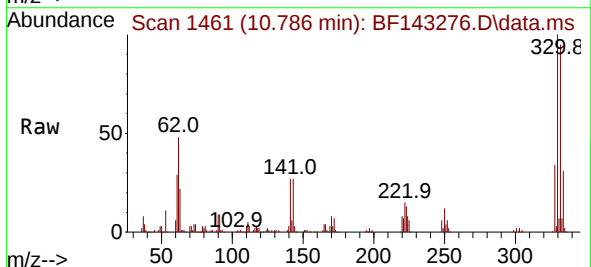
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

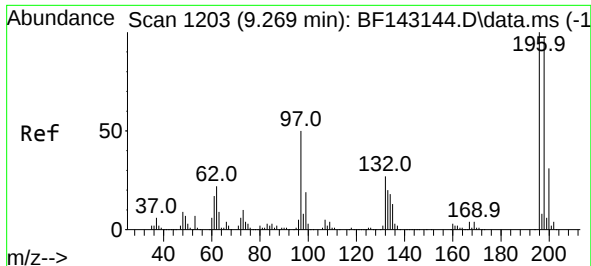
Tgt Ion:	216	Resp:	13773
Ion	Ratio	Lower	Upper
216	100		
214	75.2	63.8	95.8
179	20.3	16.4	24.6
108	18.9	15.6	23.4



#42
2,4,6-Tribromophenol
Concen: 126.574 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

Tgt Ion:	330	Resp:	249542
Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.7	115.1
141	28.7	23.3	34.9

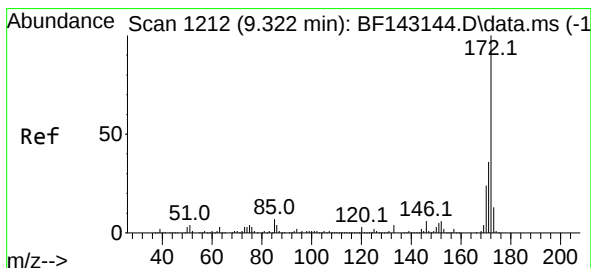
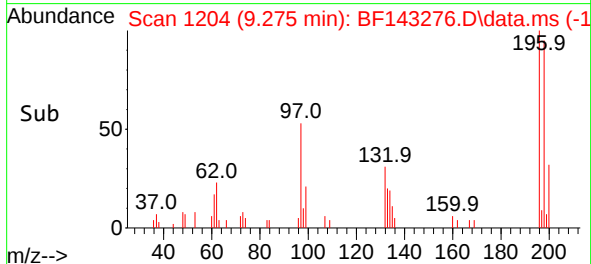
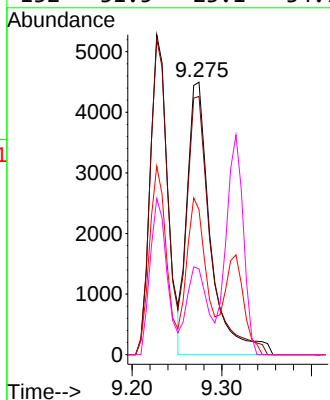
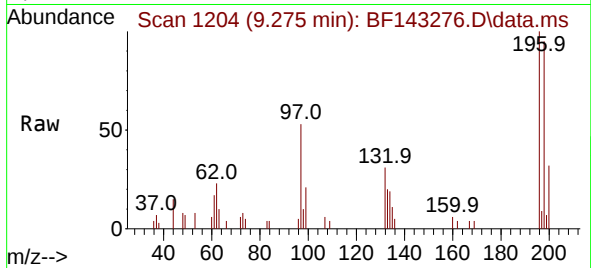




#44
2,4,5-Trichlorophenol
Concen: 2.136 ng
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

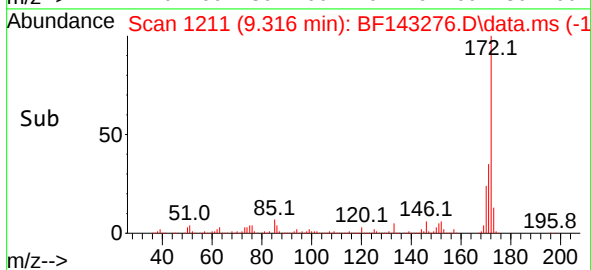
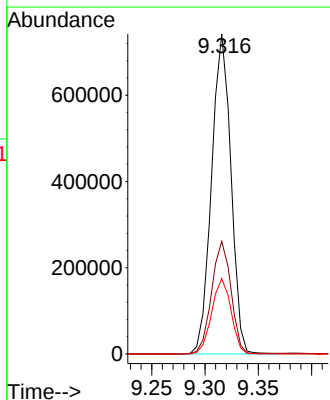
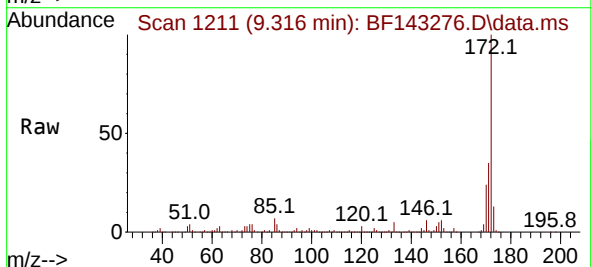
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

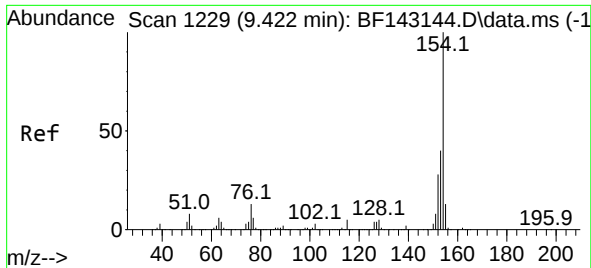
Tgt Ion:196 Resp: 8148
Ion Ratio Lower Upper
196 100
198 94.8 77.3 115.9
97 53.2 40.3 60.5
132 31.5 23.1 34.7



#45
2-Fluorobiphenyl
Concen: 67.241 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

Tgt Ion:172 Resp: 938306
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.5 18.8 28.2

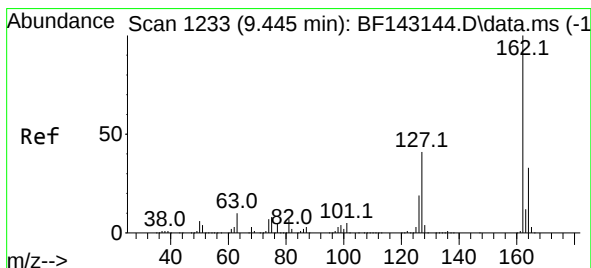
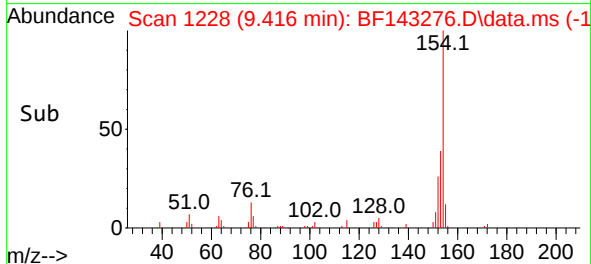
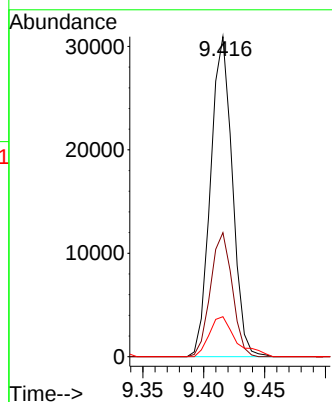
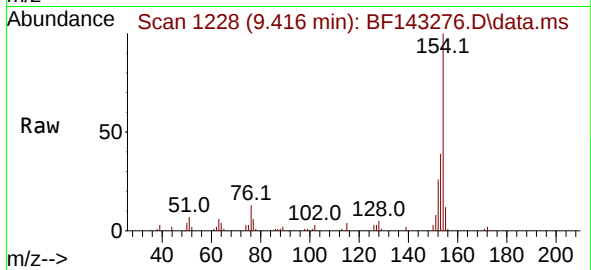




#46
1,1'-Biphenyl
Concen: 2.578 ng
RT: 9.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

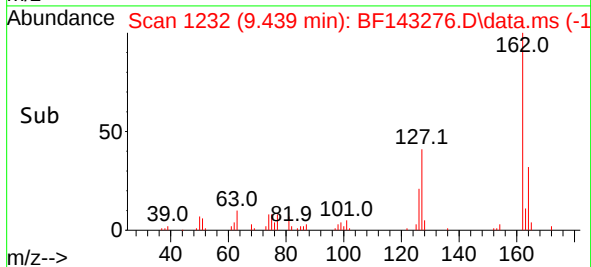
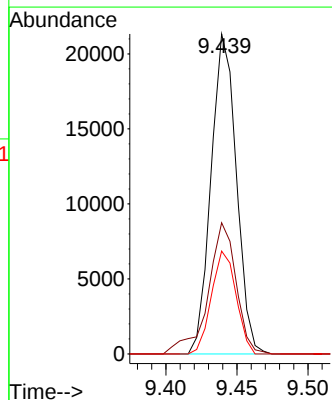
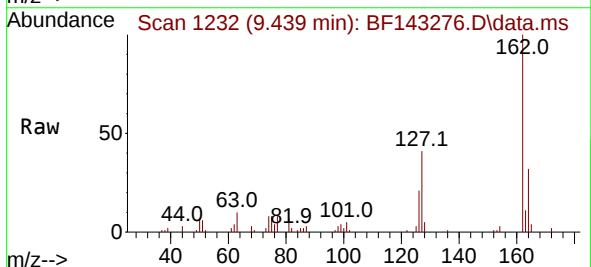
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

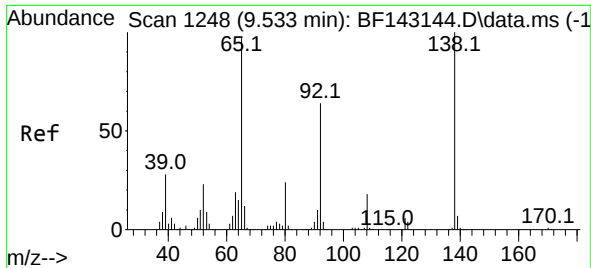
Tgt Ion:154 Resp: 38392
Ion Ratio Lower Upper
154 100
153 38.8 20.3 60.3
76 12.5 0.0 33.3



#47
2-Chloronaphthalene
Concen: 2.399 ng
RT: 9.439 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

Tgt Ion:162 Resp: 26434
Ion Ratio Lower Upper
162 100
127 41.0 33.4 50.2
164 32.2 26.2 39.2

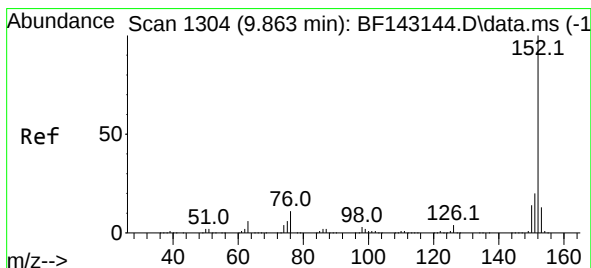
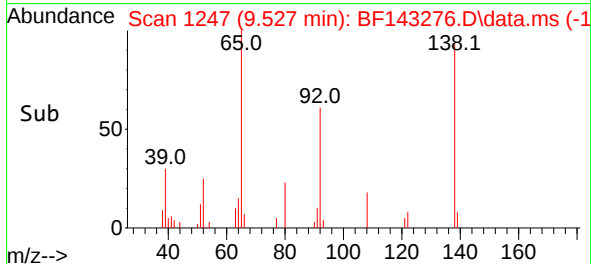
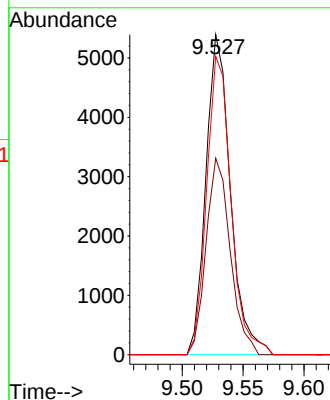
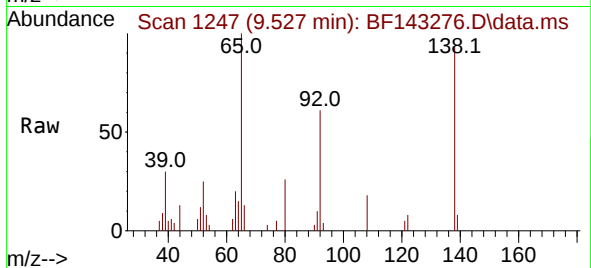




#48
2-Nitroaniline
Concen: 2.185 ng
RT: 9.527 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

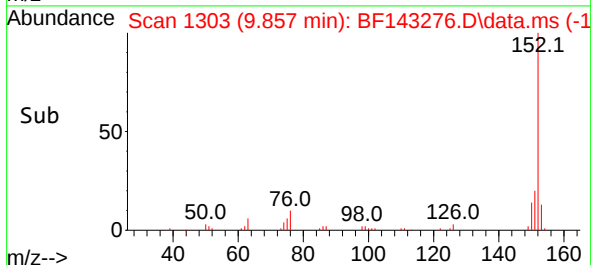
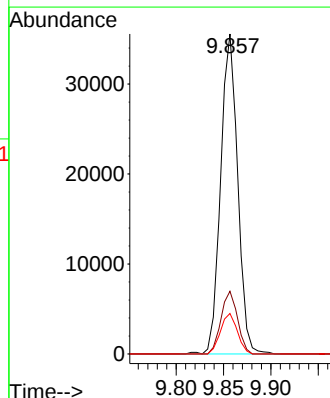
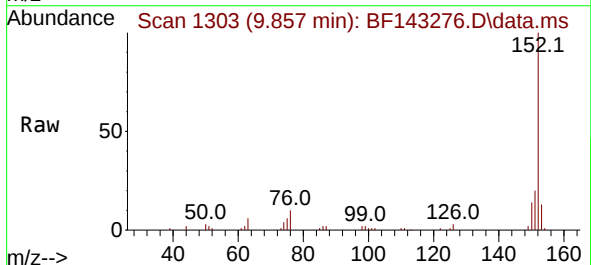
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

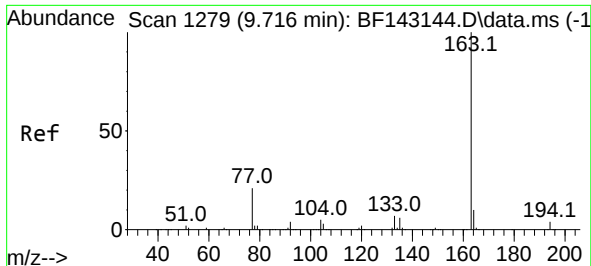
Tgt Ion:	65	Resp:	7550
Ion	Ratio	Lower	Upper
65	100		
92	61.4	52.4	78.6
138	93.2	82.3	123.5



#49
Acenaphthylene
Concen: 2.412 ng
RT: 9.857 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

Tgt Ion:	152	Resp:	44535
Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.2
153	12.6	10.6	16.0

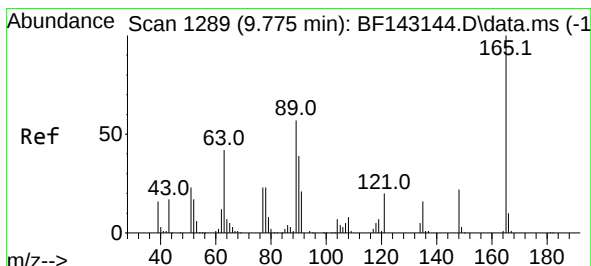
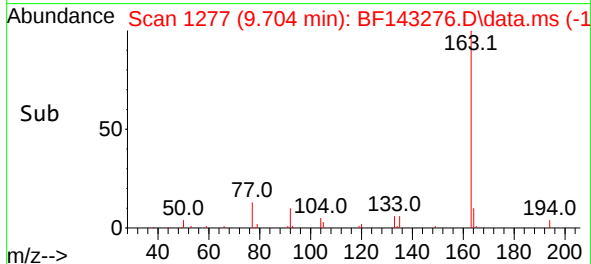
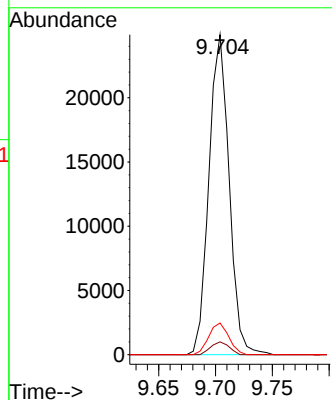
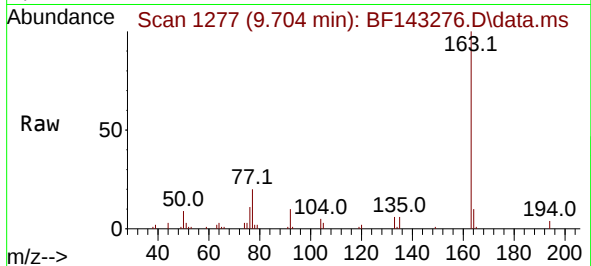




#50
Dimethylphthalate
Concen: 2.476 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

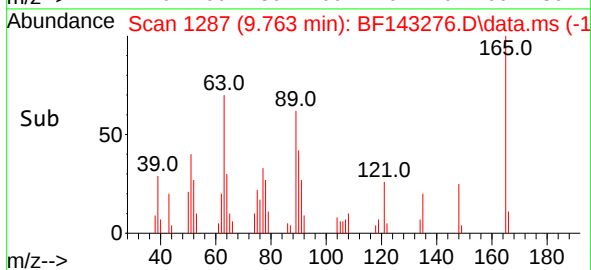
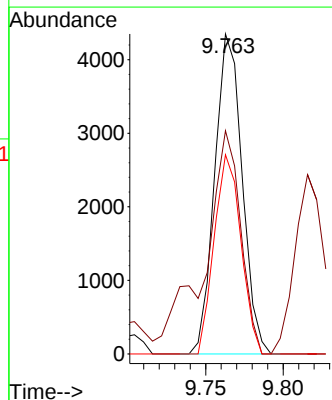
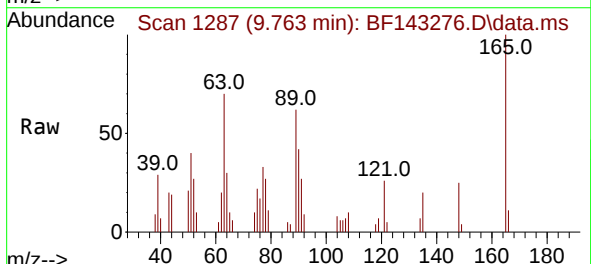
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

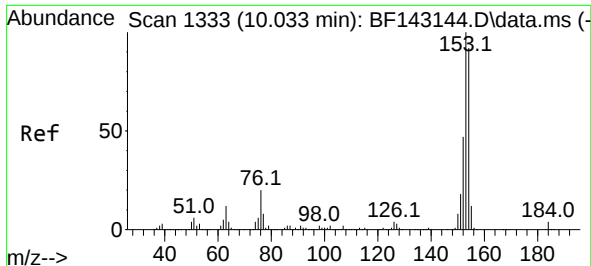
Tgt Ion:163 Resp: 30804
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 9.9 8.3 12.5



#51
2,6-Dinitrotoluene
Concen: 2.117 ng
RT: 9.763 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

Tgt Ion:165 Resp: 5356
Ion Ratio Lower Upper
165 100
63 69.7 49.4 74.2
89 62.2 46.2 69.2

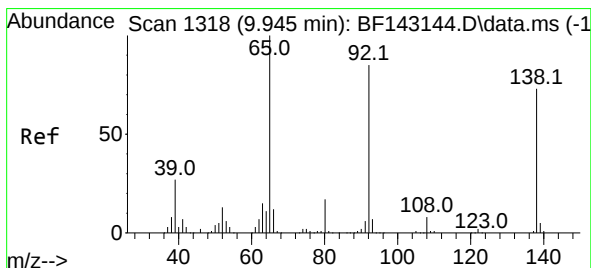
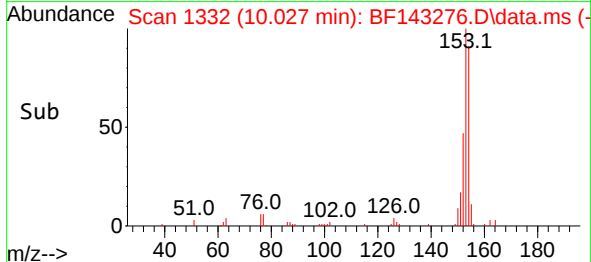
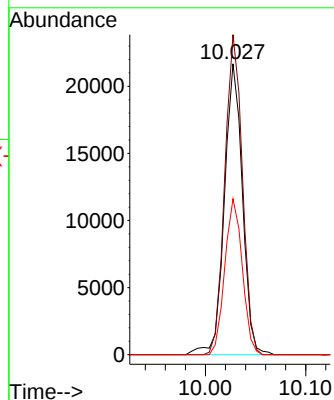
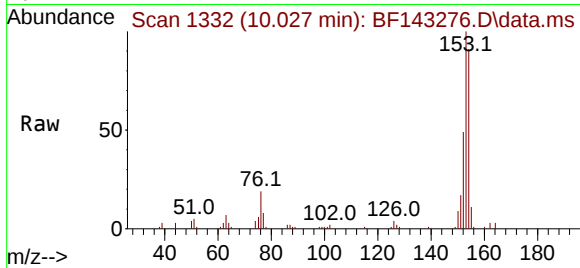




#52
Acenaphthene
Concen: 2.477 ng
RT: 10.027 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

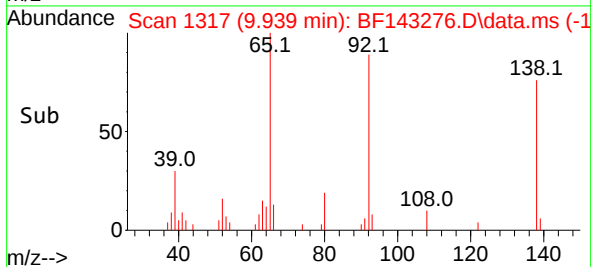
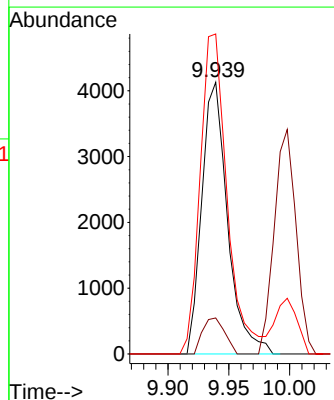
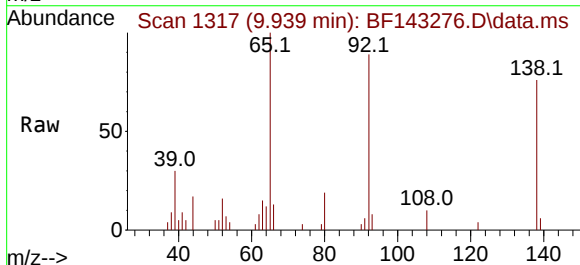
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

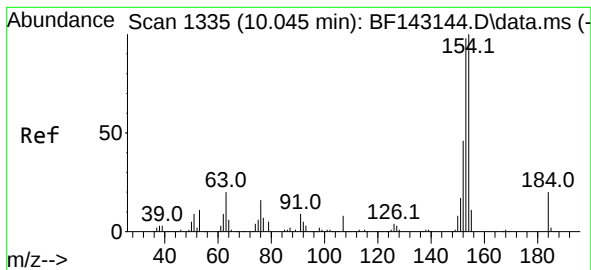
Tgt Ion:154 Resp: 27031
Ion Ratio Lower Upper
154 100
153 110.0 86.6 129.8
152 53.6 40.4 60.6



#53
3-Nitroaniline
Concen: 2.056 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

Tgt Ion:138 Resp: 6085
Ion Ratio Lower Upper
138 100
108 13.2 9.0 13.6
92 117.8 93.0 139.4





#54

2,4-Dinitrophenol

Concen: 6.881 ng

RT: 10.051 min Scan# 1335

Delta R.T. 0.006 min

Lab File: BF143276.D

Acq: 01 Aug 2025 11:44

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2025

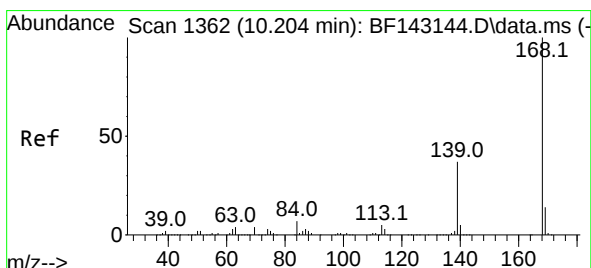
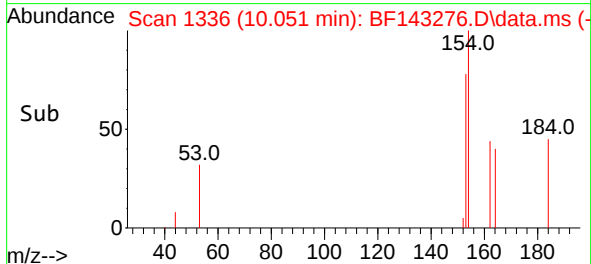
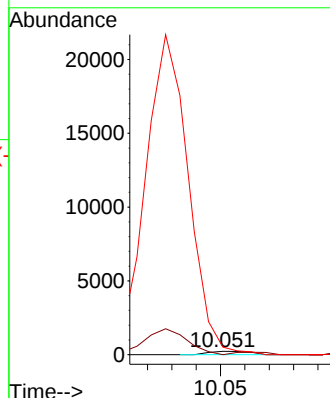
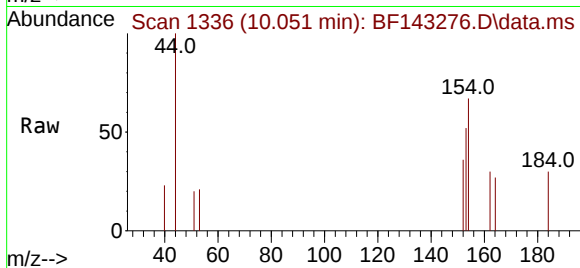
Tgt Ion:184 Resp: 272

Ion Ratio Lower Upper

184 100

63 0.0 81.8 122.6#

154 224.7 412.2 618.4#



#55

Dibenzofuran

Concen: 2.417 ng

RT: 10.198 min Scan# 1361

Delta R.T. -0.006 min

Lab File: BF143276.D

Acq: 01 Aug 2025 11:44

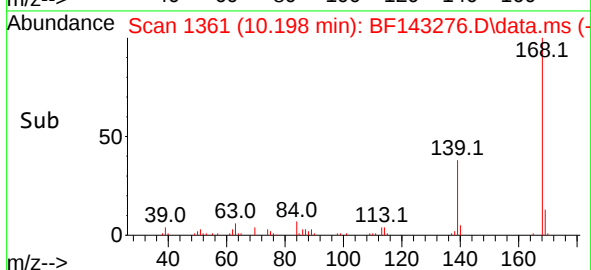
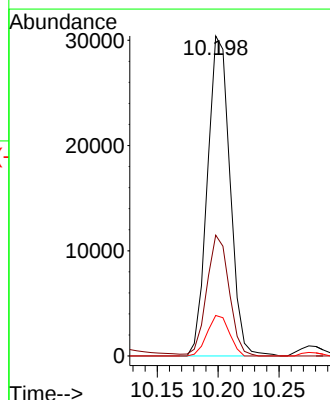
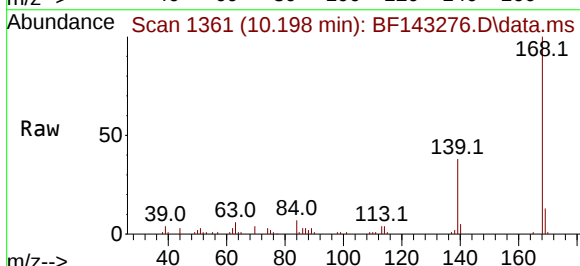
Tgt Ion:168 Resp: 39158

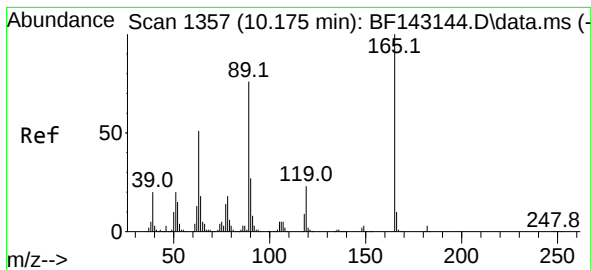
Ion Ratio Lower Upper

168 100

139 37.8 29.5 44.3

169 12.7 10.9 16.3

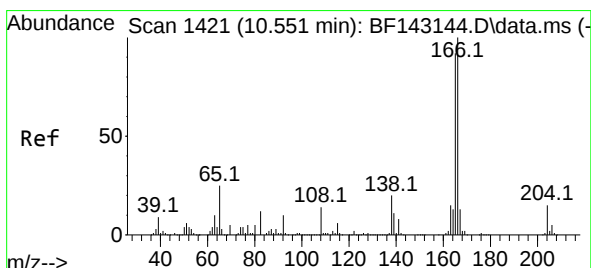
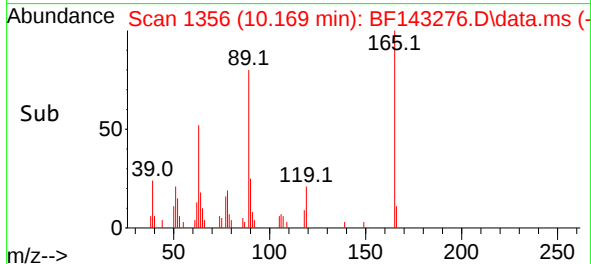
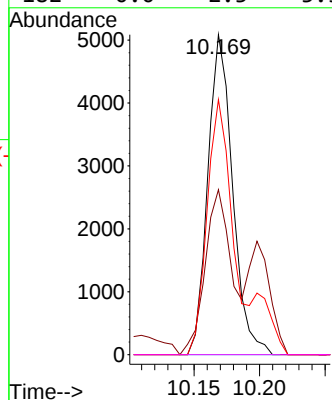
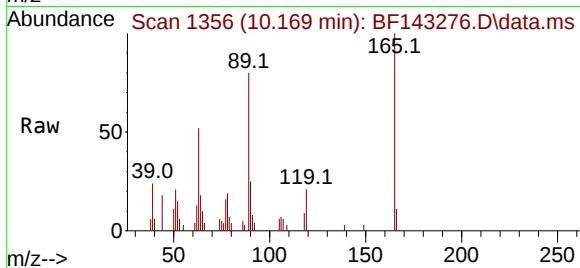




#57
2,4-Dinitrotoluene
Concen: 2.103 ng
RT: 10.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

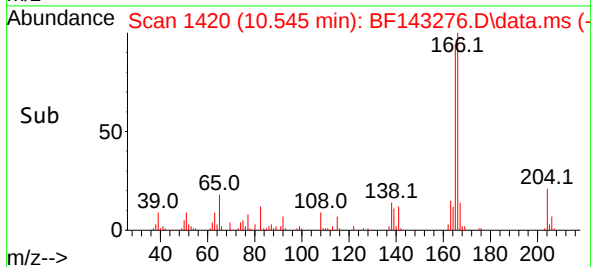
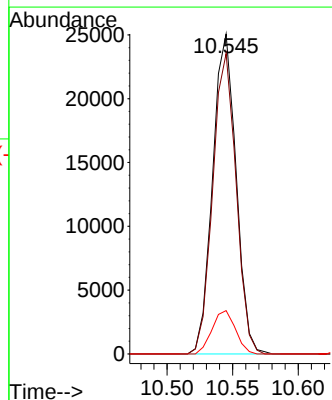
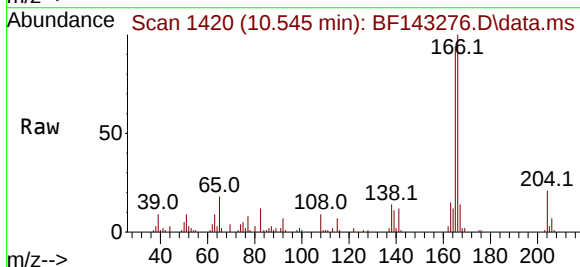
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

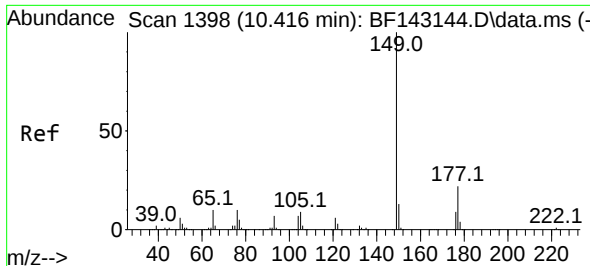
Tgt Ion:	165	Resp:	6678
Ion	Ratio	Lower	Upper
165	100		
63	51.6	41.0	61.4
89	79.7	61.1	91.7
182	0.0	2.3	3.5



#58
Fluorene
Concen: 2.562 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

Tgt Ion:	166	Resp:	31155
Ion	Ratio	Lower	Upper
166	100		
165	93.9	73.7	110.5
167	13.6	10.6	16.0

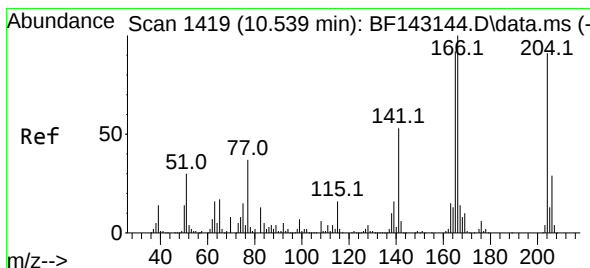
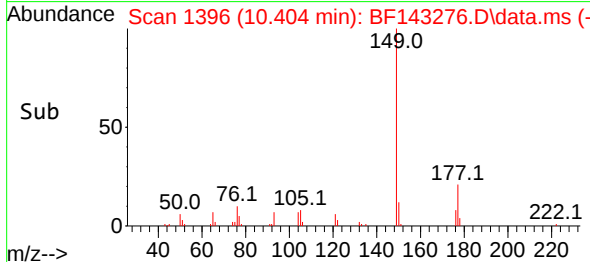
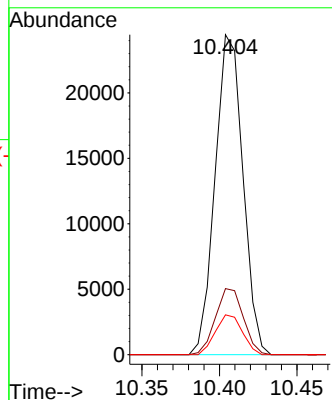
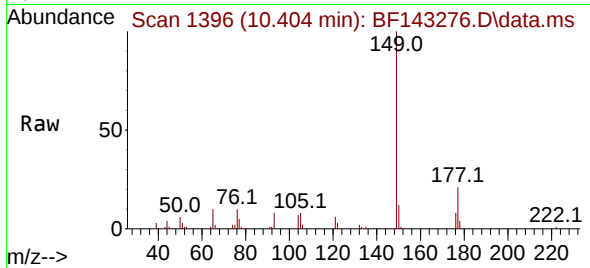




#60
Diethylphthalate
Concen: 2.481 ng
RT: 10.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

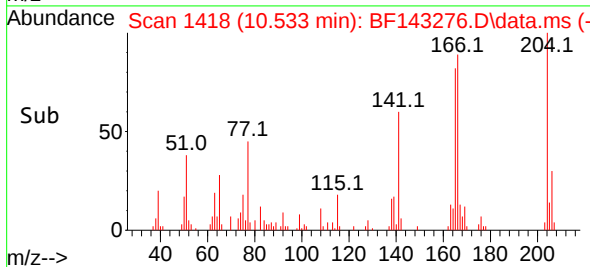
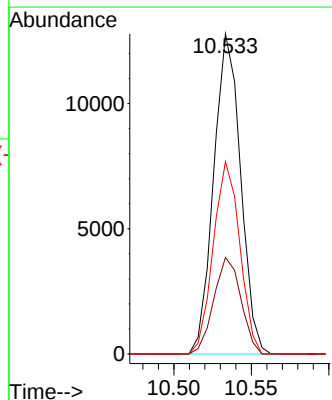
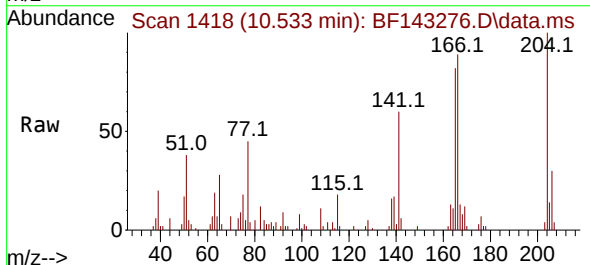
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

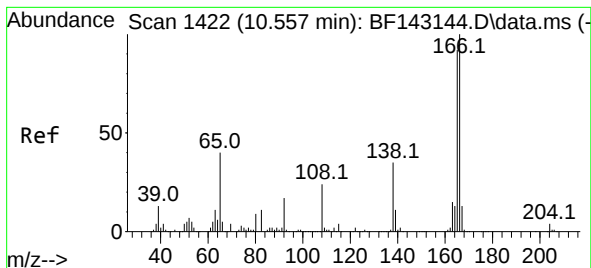
Tgt Ion:149 Resp: 30501
Ion Ratio Lower Upper
149 100
177 20.6 17.5 26.3
150 12.4 10.2 15.2



#61
4-Chlorophenyl-phenylether
Concen: 2.545 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

Tgt Ion:204 Resp: 15408
Ion Ratio Lower Upper
204 100
206 30.1 25.8 38.8
141 60.1 47.0 70.4

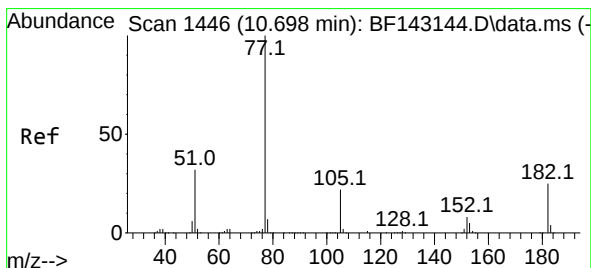
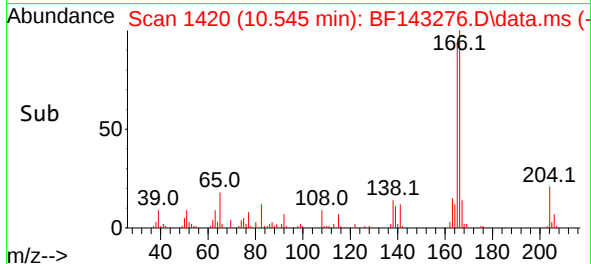
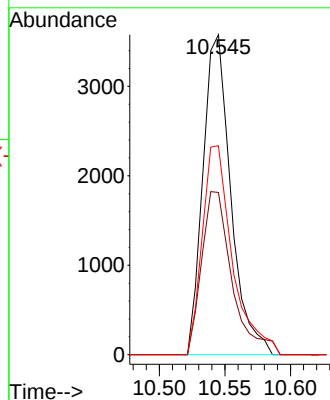
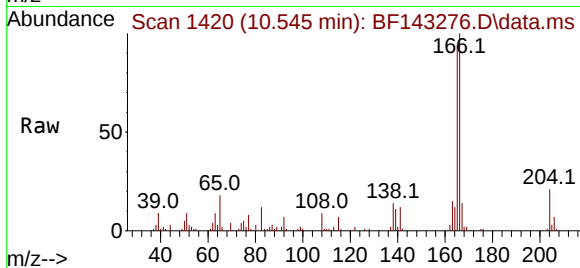




#62
4-Nitroaniline
Concen: 2.086 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

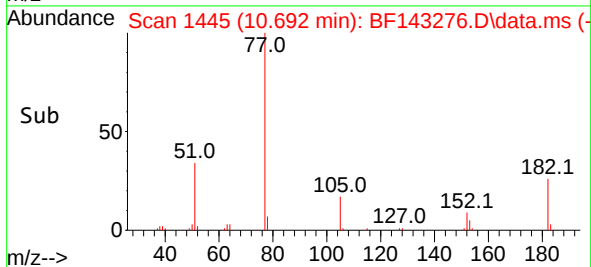
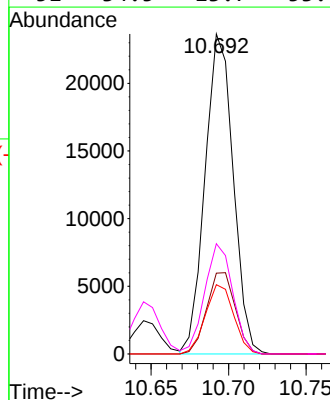
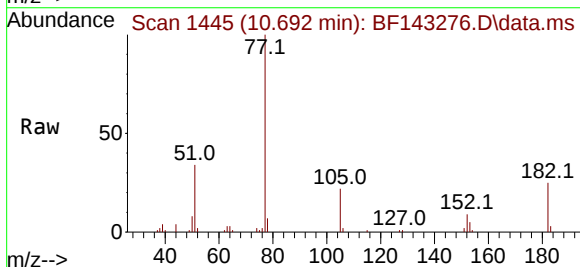
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

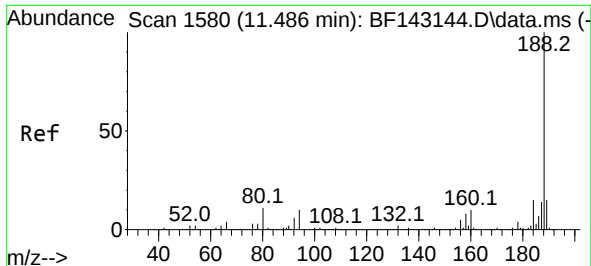
Tgt Ion:138 Resp: 5292
Ion Ratio Lower Upper
138 100
92 50.7 29.3 69.3
108 65.3 48.3 88.3



#63
Azobenzene
Concen: 2.331 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

Tgt Ion: 77 Resp: 29866
Ion Ratio Lower Upper
77 100
182 25.2 4.6 44.6
105 21.7 1.4 41.4
51 34.5 13.7 53.7

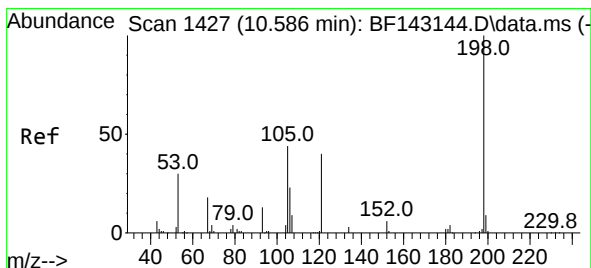
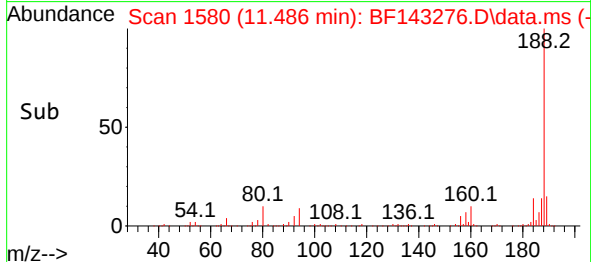
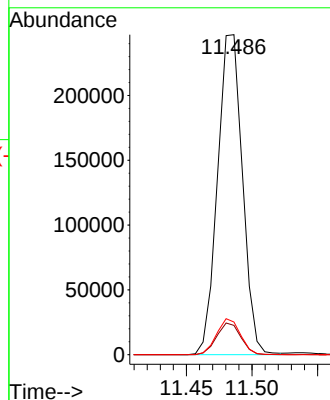
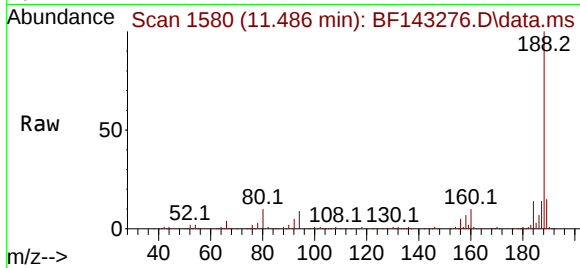




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

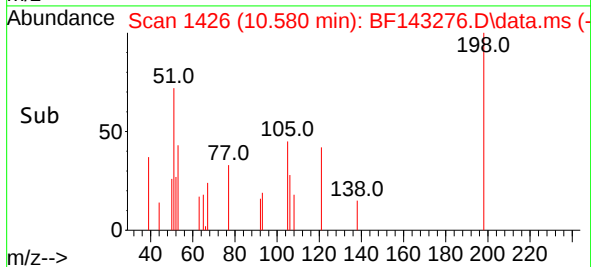
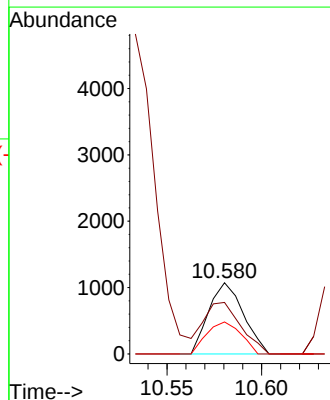
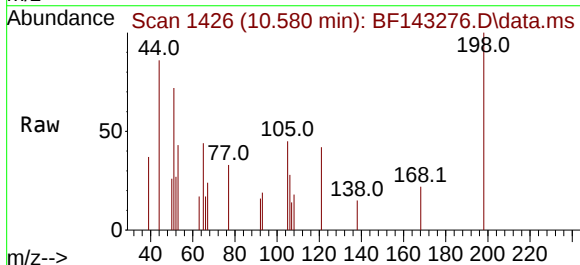
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

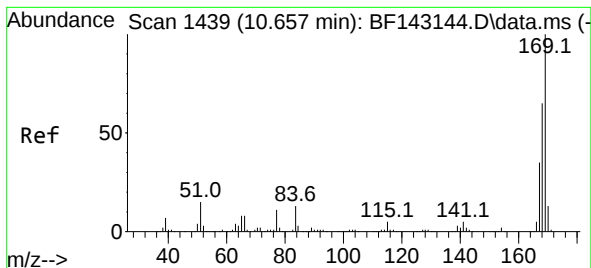
Tgt Ion:188 Resp: 326122
Ion Ratio Lower Upper
188 100
94 9.2 8.3 12.5
80 10.2 9.0 13.6



#65
4,6-Dinitro-2-methylphenol
Concen: 6.122 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

Tgt Ion:198 Resp: 1367
Ion Ratio Lower Upper
198 100
51 72.3 37.2 77.2
105 44.9 24.8 64.8

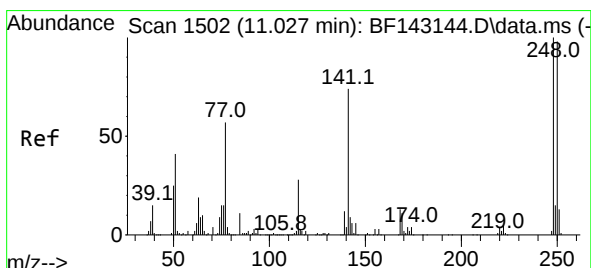
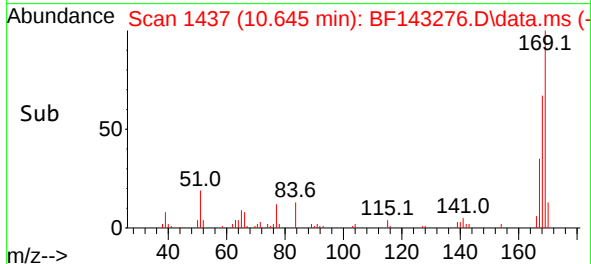
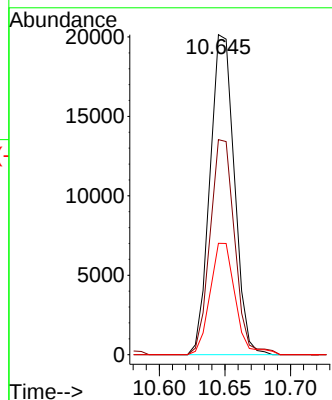
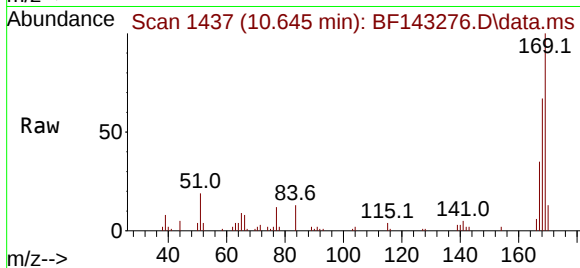




#66
n-Nitrosodiphenylamine
Concen: 2.270 ng
RT: 10.645 min Scan# 1437
Delta R.T. -0.012 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

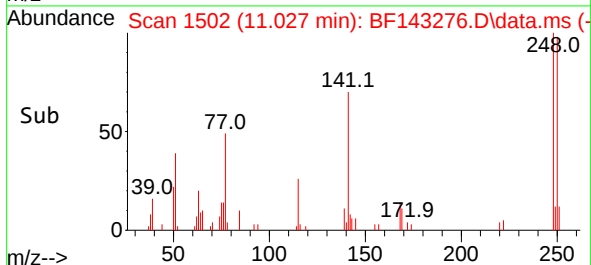
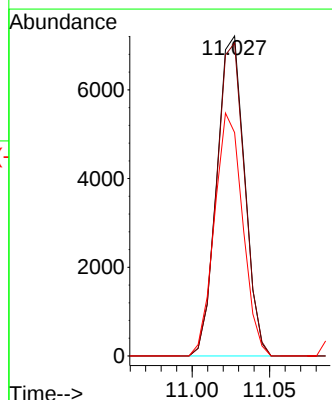
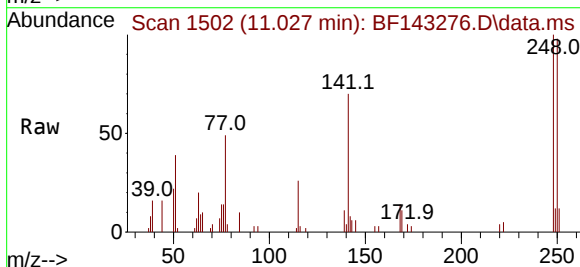
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

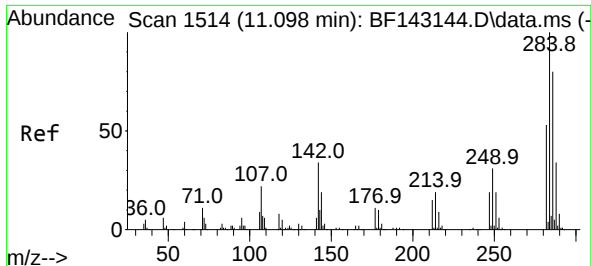
Tgt Ion:	169	Resp:	26064
Ion Ratio	Lower	Upper	
169	100		
168	67.2	52.1	78.1
167	34.8	28.2	42.2



#67
4-Bromophenyl-phenylether
Concen: 2.319 ng
RT: 11.027 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

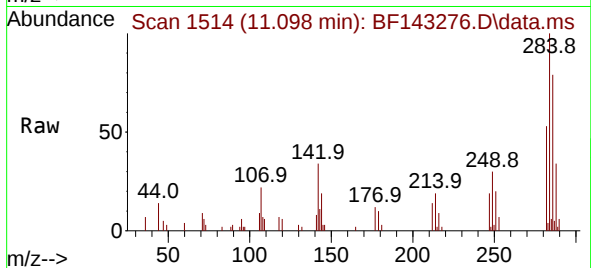
Tgt Ion:	248	Resp:	9012
Ion Ratio	Lower	Upper	
248	100		
250	97.8	78.3	117.5
141	69.8	59.2	88.8



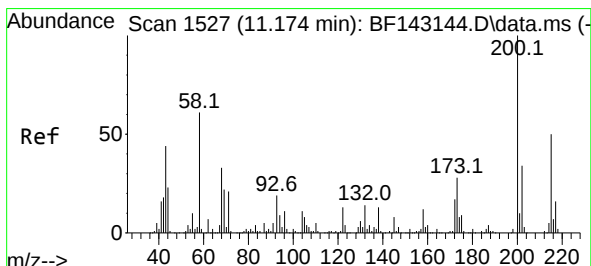
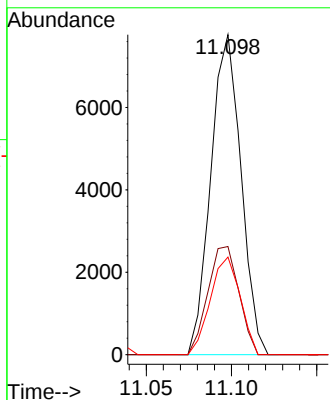
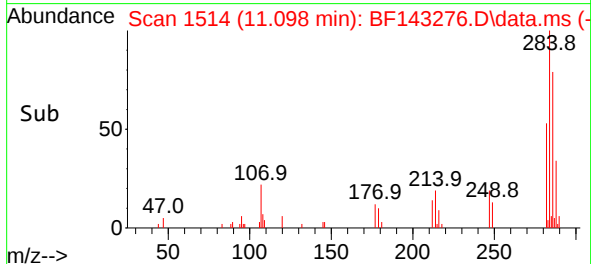


#68
Hexachlorobenzene
Concen: 2.357 ng
RT: 11.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

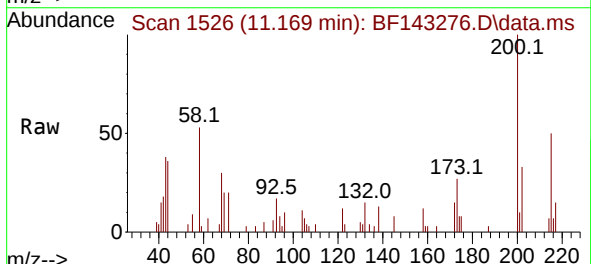
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025



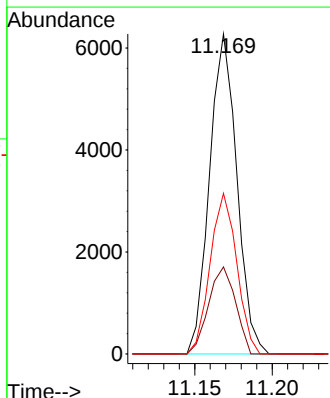
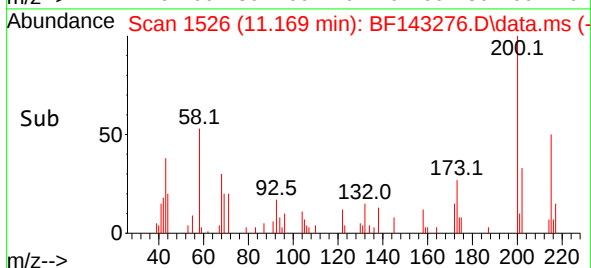
Tgt Ion:284 Resp: 9573
Ion Ratio Lower Upper
284 100
142 33.8 27.0 40.6
249 30.5 25.0 37.6

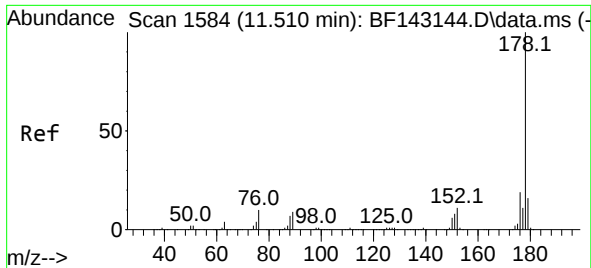


#69
Atrazine
Concen: 2.424 ng
RT: 11.169 min Scan# 1526
Delta R.T. -0.006 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44



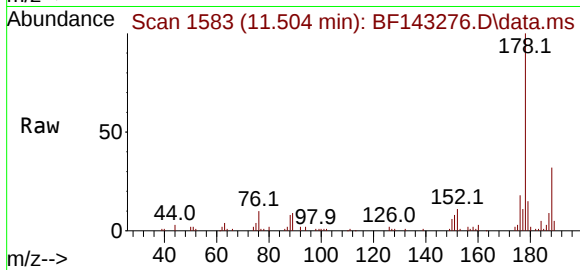
Tgt Ion:200 Resp: 7675
Ion Ratio Lower Upper
200 100
173 27.2 7.9 47.9
215 50.2 30.1 70.1



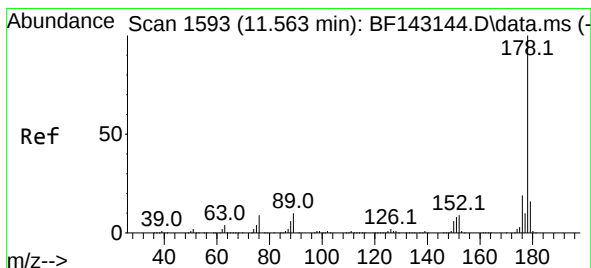
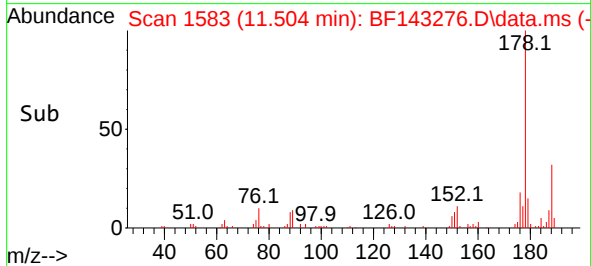
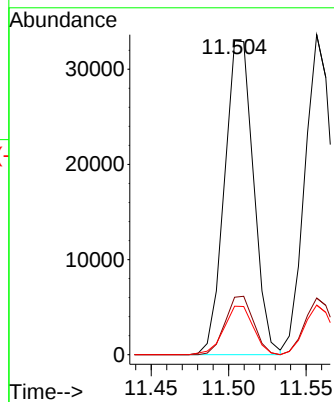


#71
Phenanthrene
Concen: 2.482 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

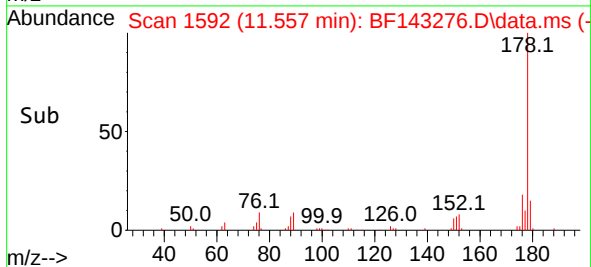
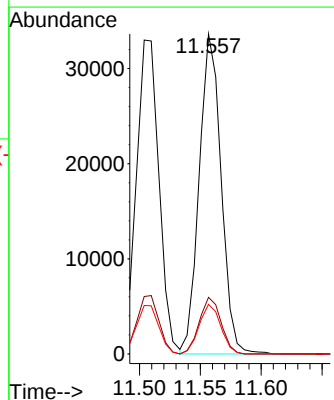
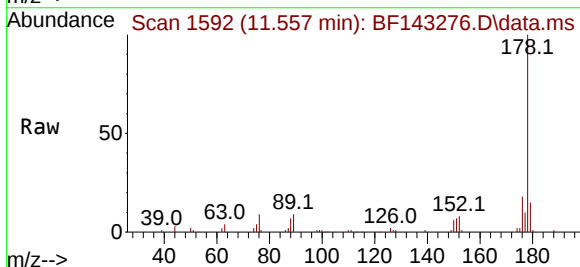


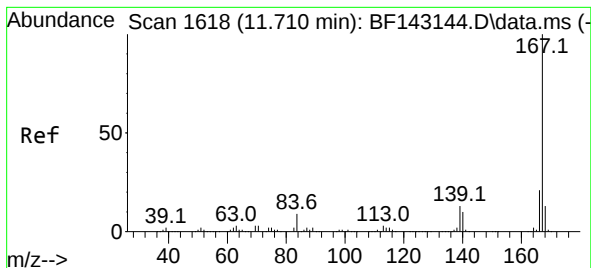
Tgt Ion:178 Resp: 42986
Ion Ratio Lower Upper
178 100
176 18.3 15.3 22.9
179 15.4 12.5 18.7



#72
Anthracene
Concen: 2.386 ng
RT: 11.557 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

Tgt Ion:178 Resp: 42136
Ion Ratio Lower Upper
178 100
176 17.7 15.0 22.4
179 15.5 12.5 18.7





#73

Carbazole

Concen: 2.340 ng

RT: 11.710 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143276.D

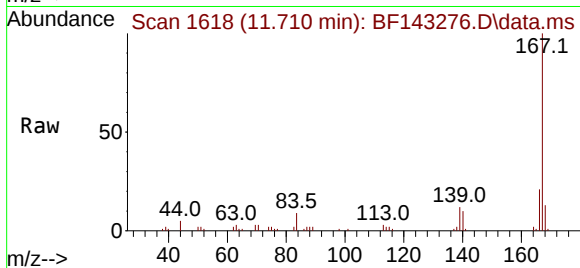
Acq: 01 Aug 2025 11:44

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2025



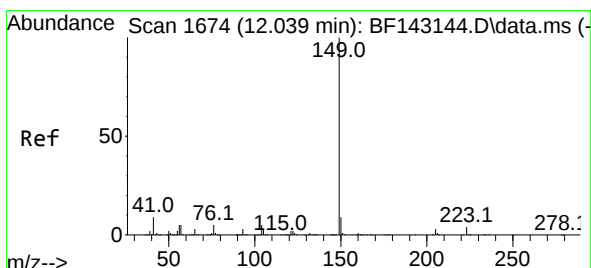
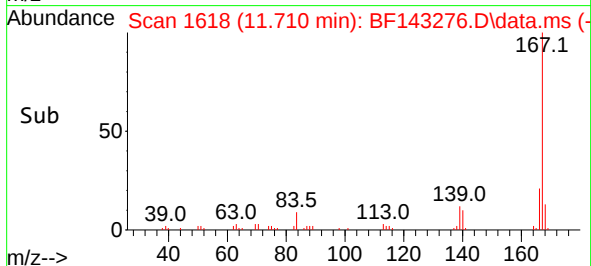
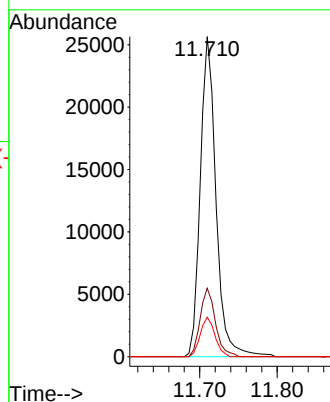
Tgt Ion:167 Resp: 36080

Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.6

139 12.4 10.0 15.0



#74

Di-n-butylphthalate

Concen: 2.367 ng

RT: 12.039 min Scan# 1674

Delta R.T. -0.000 min

Lab File: BF143276.D

Acq: 01 Aug 2025 11:44

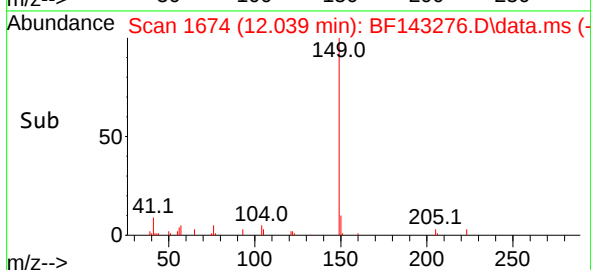
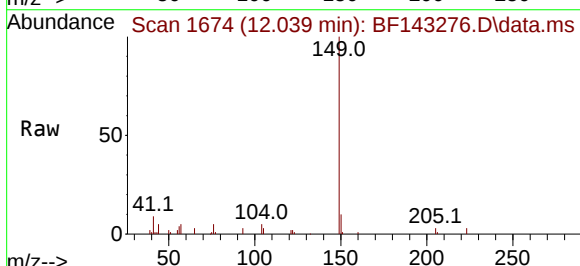
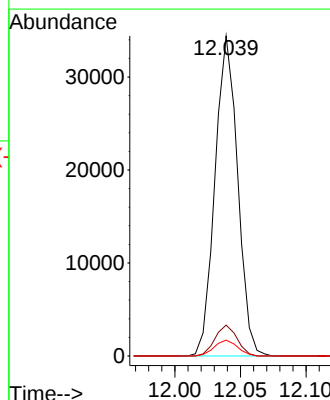
Tgt Ion:149 Resp: 41299

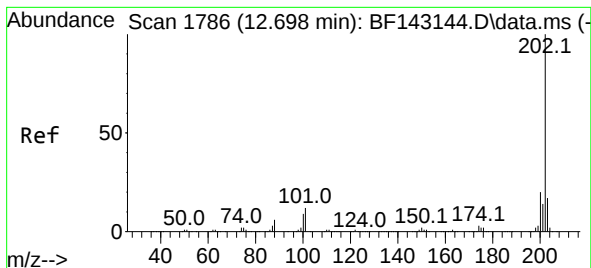
Ion Ratio Lower Upper

149 100

150 9.7 7.4 11.2

104 5.0 3.8 5.8





#75

Fluoranthene

Concen: 2.482 ng

RT: 12.698 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143276.D

Acq: 01 Aug 2025 11:44

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2025

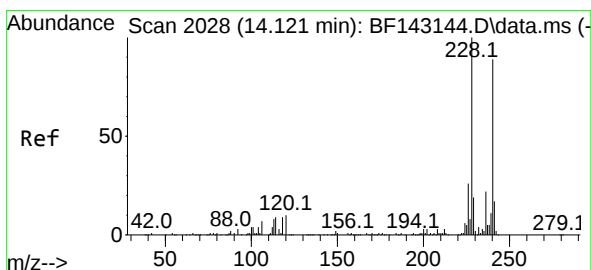
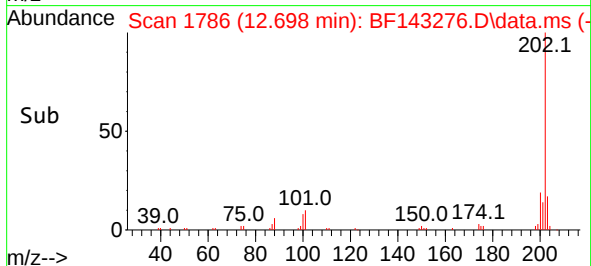
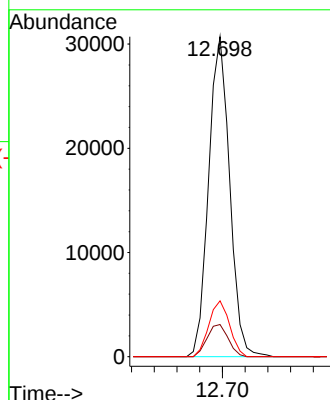
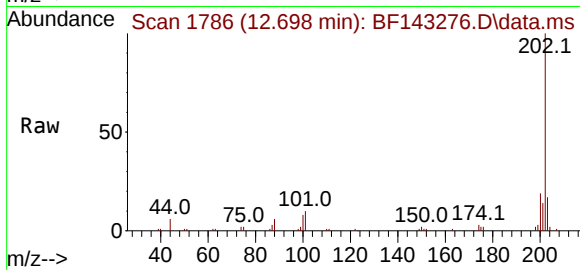
Tgt Ion:202 Resp: 39455

Ion Ratio Lower Upper

202 100

101 10.1 0.0 31.7

203 17.4 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF143276.D

Acq: 01 Aug 2025 11:44

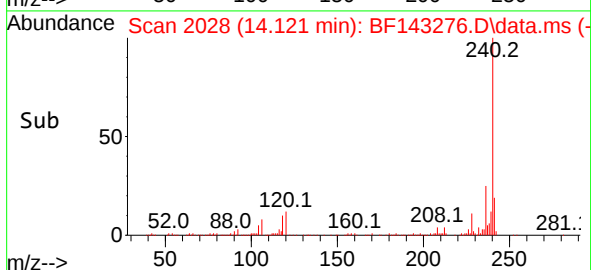
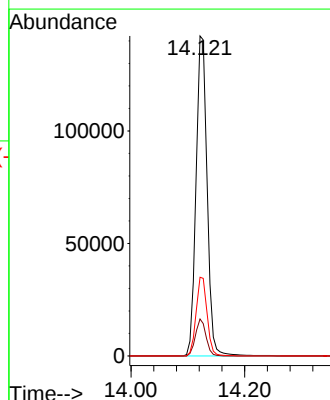
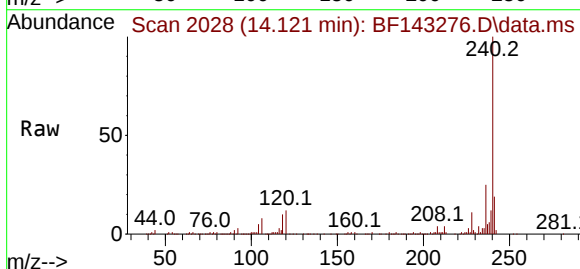
Tgt Ion:240 Resp: 194042

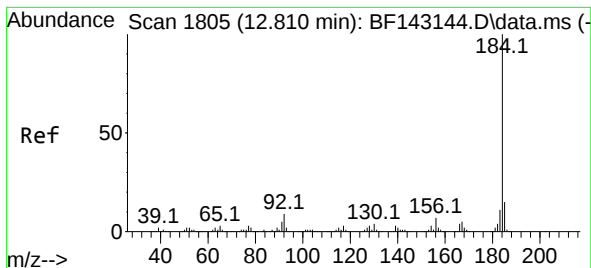
Ion Ratio Lower Upper

240 100

120 11.6 9.4 14.2

236 24.6 20.2 30.4





#77

Benzidine

Concen: 2.001 ng

RT: 12.815 min Scan# 1806

Delta R.T. 0.005 min

Lab File: BF143276.D

Acq: 01 Aug 2025 11:44

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2025

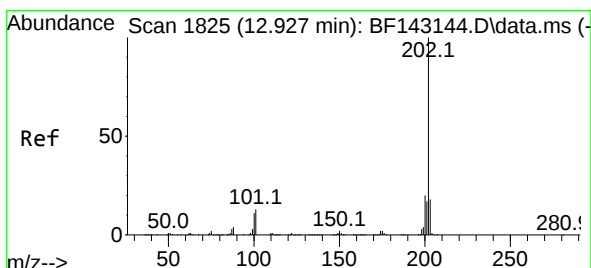
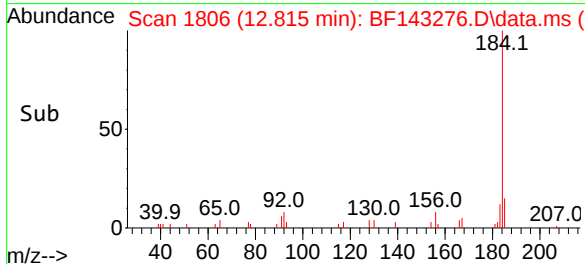
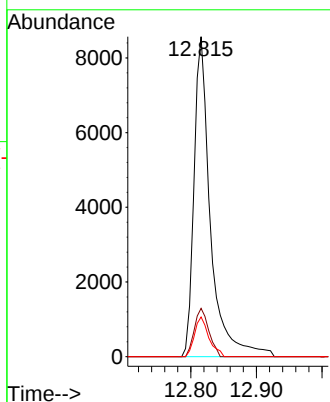
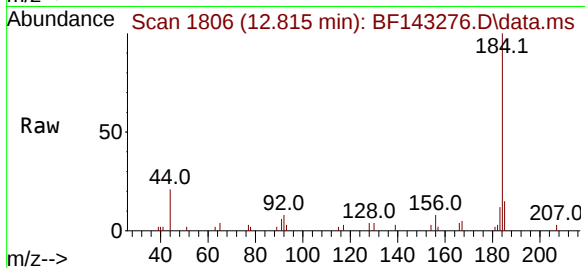
Tgt Ion:184 Resp: 14963

Ion Ratio Lower Upper

184 100

185 15.1 12.2 18.4

183 12.4 9.0 13.4



#78

Pyrene

Concen: 2.400 ng

RT: 12.927 min Scan# 1825

Delta R.T. -0.000 min

Lab File: BF143276.D

Acq: 01 Aug 2025 11:44

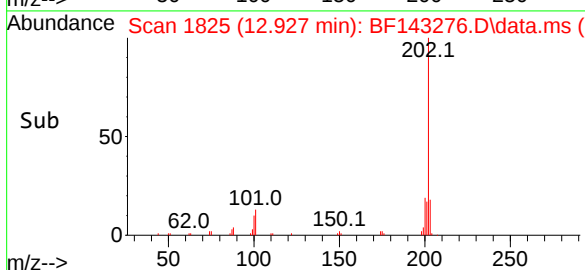
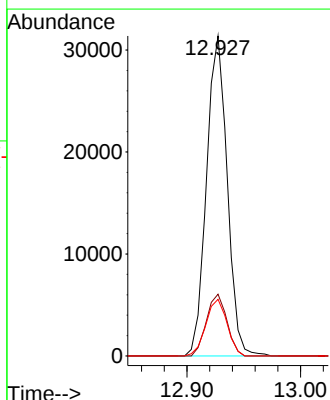
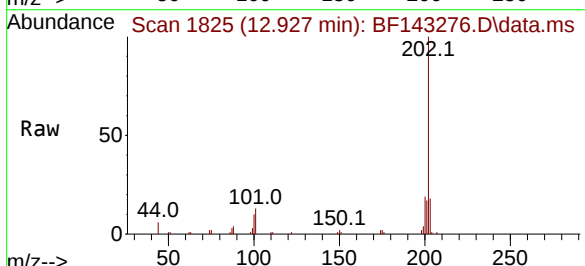
Tgt Ion:202 Resp: 39746

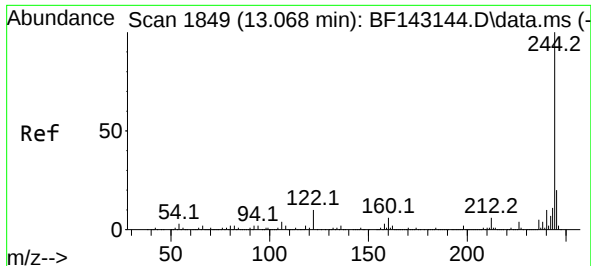
Ion Ratio Lower Upper

202 100

200 19.3 15.7 23.5

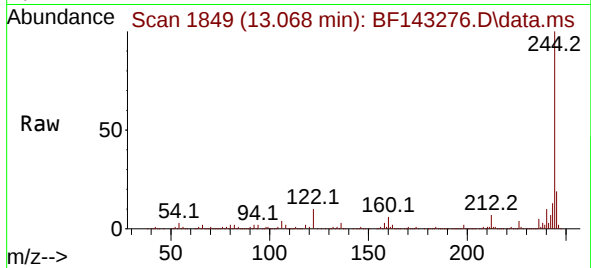
203 17.7 14.2 21.2



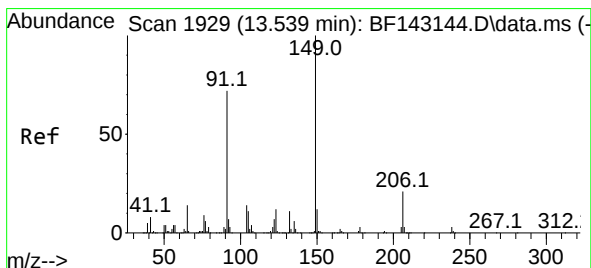
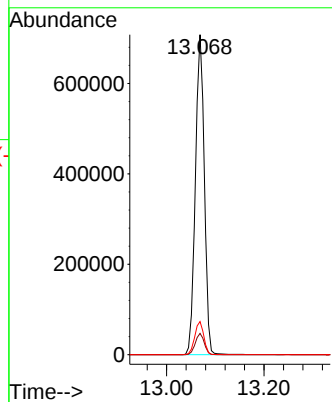
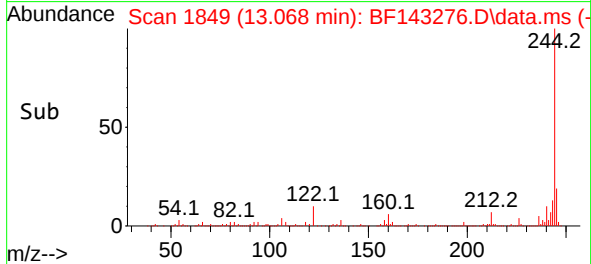


#79
 Terphenyl-d14
 Concen: 69.783 ng
 RT: 13.068 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: BF143276.D
 Acq: 01 Aug 2025 11:44

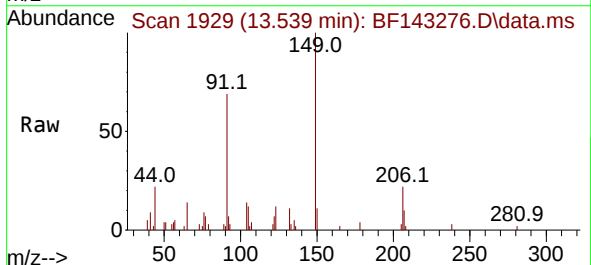
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025



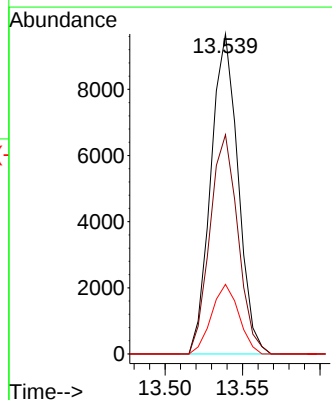
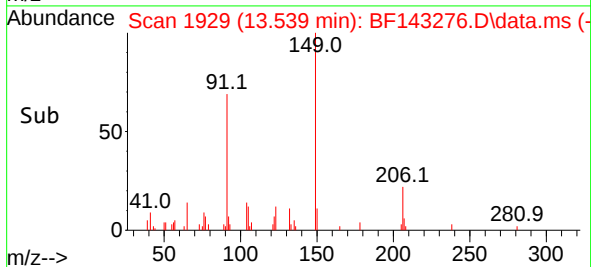
Tgt Ion:244 Resp: 909940
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.2 7.8
 122 10.4 8.2 12.2

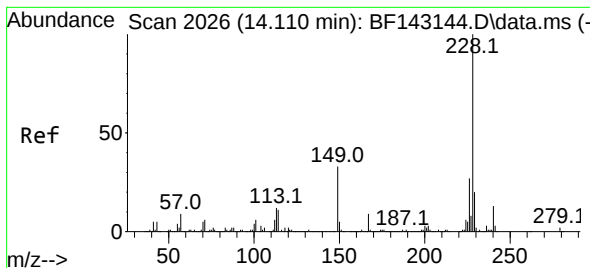


#80
 Butylbenzylphthalate
 Concen: 2.329 ng
 RT: 13.539 min Scan# 1929
 Delta R.T. -0.000 min
 Lab File: BF143276.D
 Acq: 01 Aug 2025 11:44



Tgt Ion:149 Resp: 11809
 Ion Ratio Lower Upper
 149 100
 91 68.5 57.9 86.9
 206 21.7 17.0 25.4





#81

Benzo(a)anthracene

Concen: 2.298 ng

RT: 14.115 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF143276.D

Acq: 01 Aug 2025 11:44

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2025

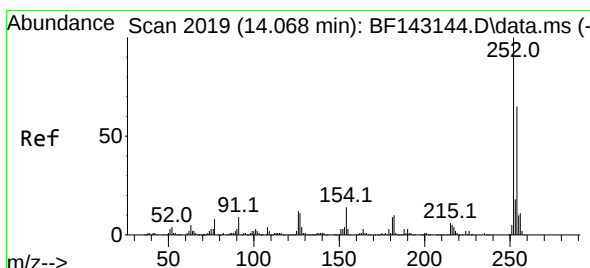
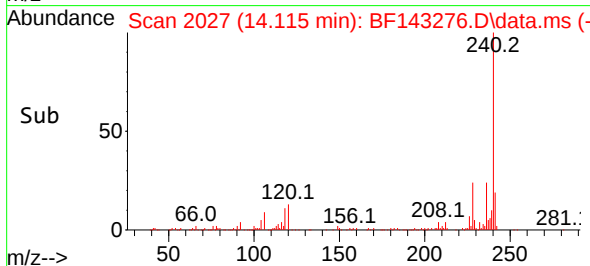
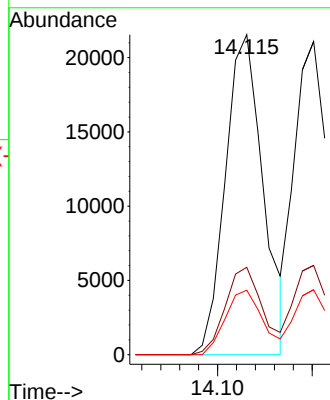
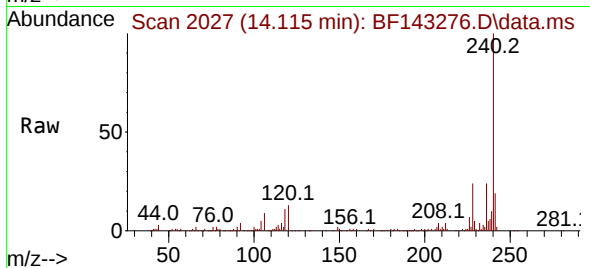
Tgt Ion:228 Resp: 29854

Ion Ratio Lower Upper

228 100

226 27.3 21.7 32.5

229 20.2 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 2.002 ng

RT: 14.074 min Scan# 2020

Delta R.T. 0.006 min

Lab File: BF143276.D

Acq: 01 Aug 2025 11:44

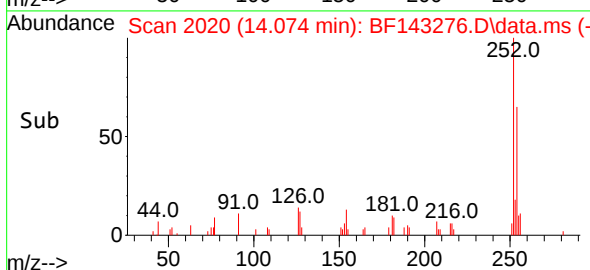
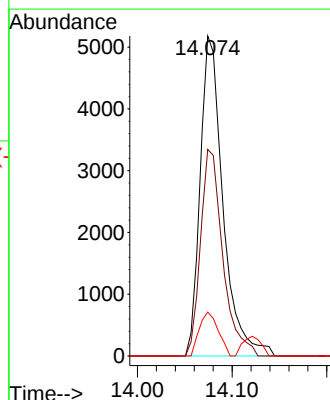
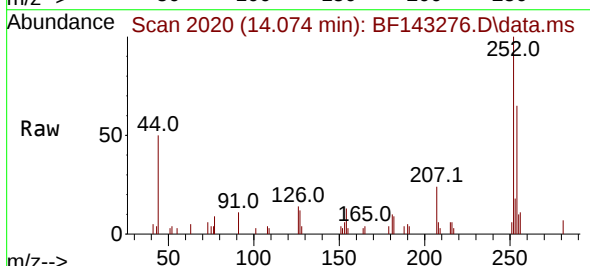
Tgt Ion:252 Resp: 8670

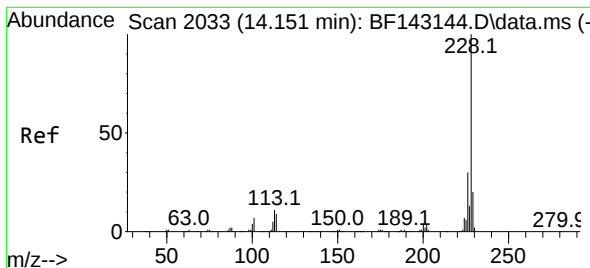
Ion Ratio Lower Upper

252 100

254 64.5 51.7 77.5

126 13.7 9.4 14.0





#83

Chrysene

Concen: 2.308 ng

RT: 14.151 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF143276.D

Acq: 01 Aug 2025 11:44

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2025

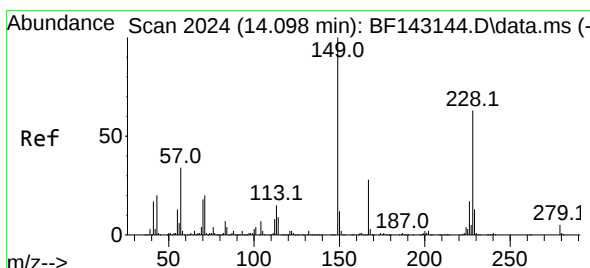
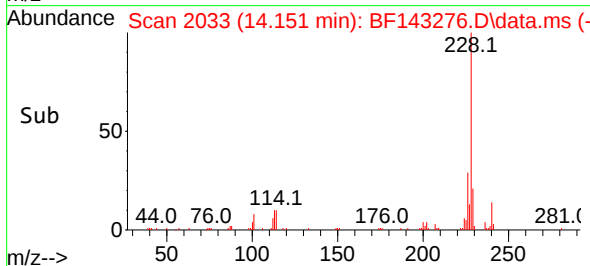
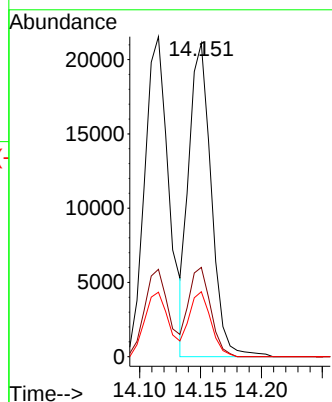
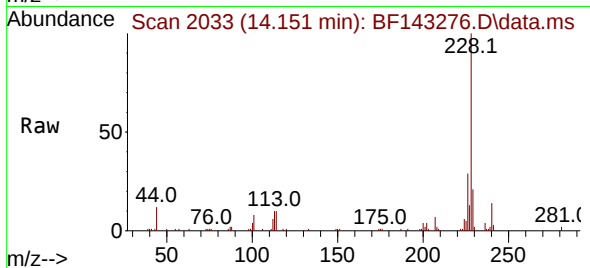
Tgt Ion:228 Resp: 26953

Ion Ratio Lower Upper

228 100

226 28.5 23.8 35.8

229 20.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.156 ng

RT: 14.098 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF143276.D

Acq: 01 Aug 2025 11:44

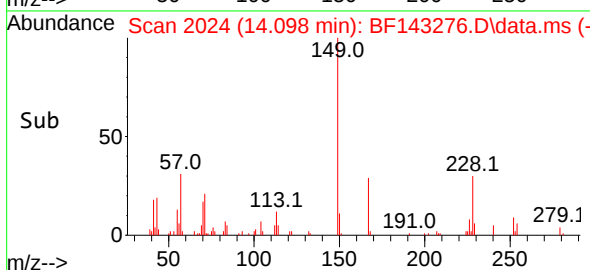
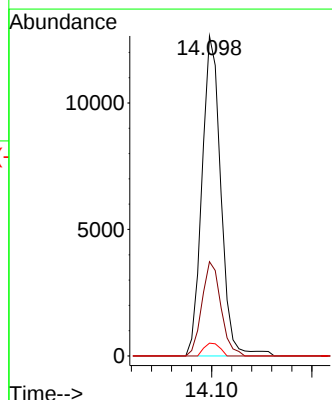
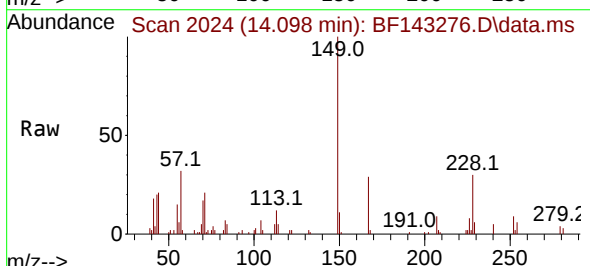
Tgt Ion:149 Resp: 16550

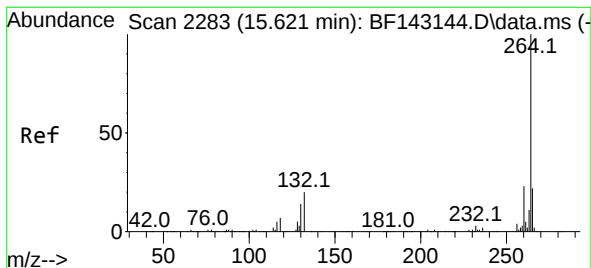
Ion Ratio Lower Upper

149 100

167 29.4 22.3 33.5

279 4.0 3.6 5.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.633 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF143276.D

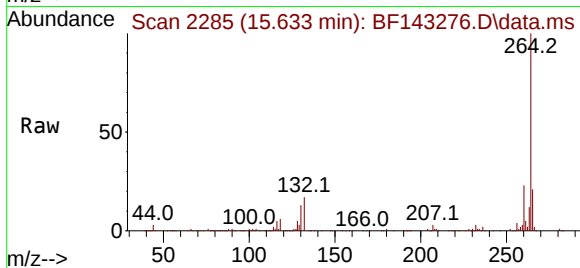
Acq: 01 Aug 2025 11:44

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2025



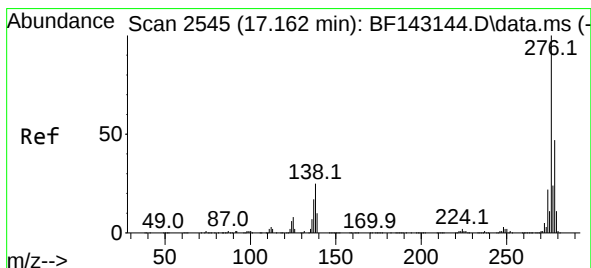
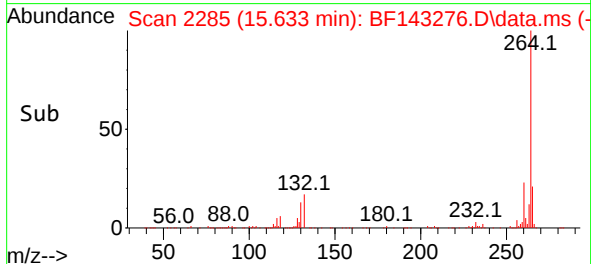
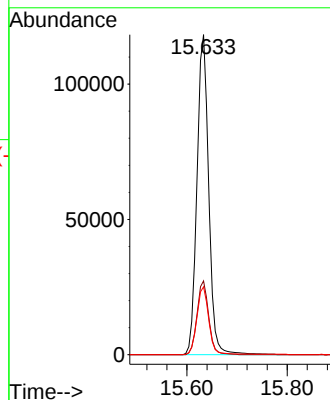
Tgt Ion:264 Resp: 191571

Ion Ratio Lower Upper

264 100

260 23.0 18.5 27.7

265 21.2 17.4 26.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.088 ng

RT: 17.168 min Scan# 2546

Delta R.T. 0.006 min

Lab File: BF143276.D

Acq: 01 Aug 2025 11:44

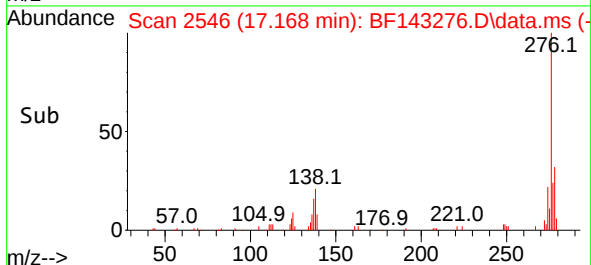
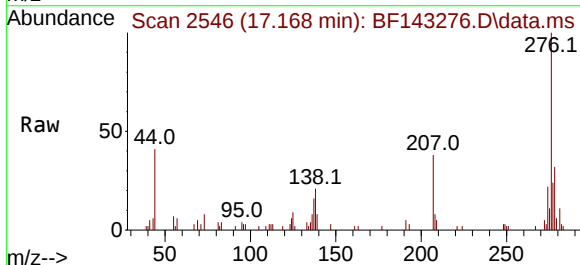
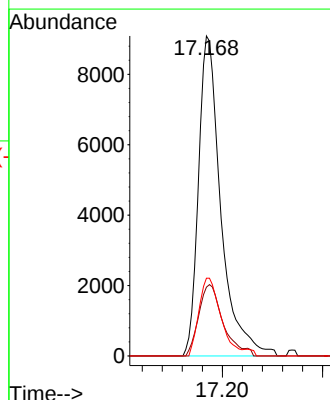
Tgt Ion:276 Resp: 28205

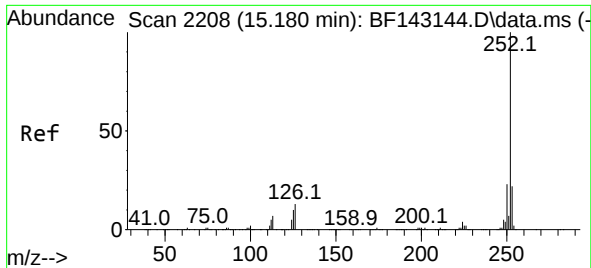
Ion Ratio Lower Upper

276 100

138 24.3 21.8 32.6

277 24.5 20.0 30.0

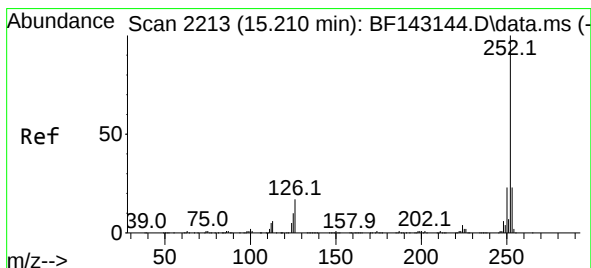
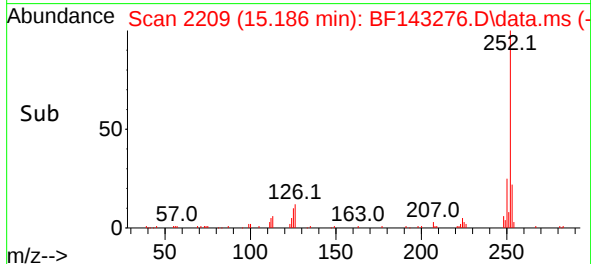
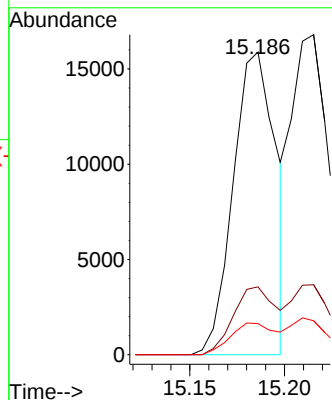
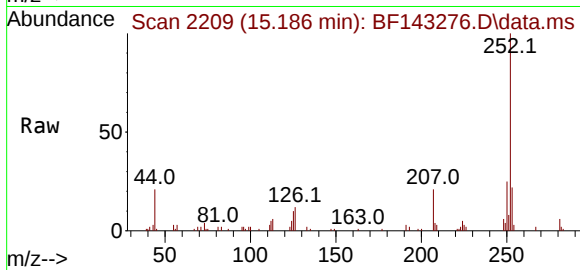




#88
Benzo(b)fluoranthene
Concen: 2.121 ng
RT: 15.186 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

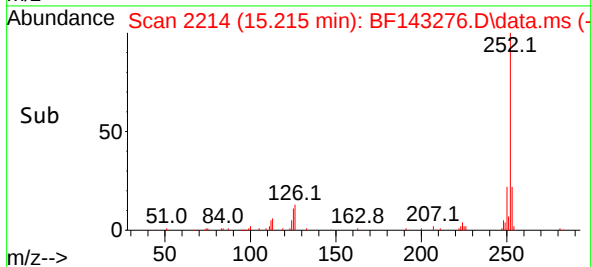
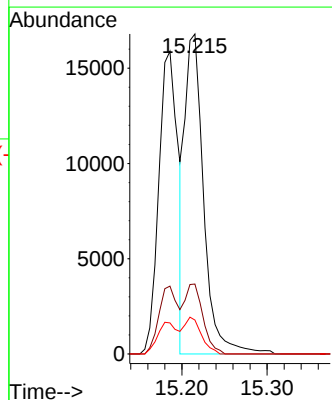
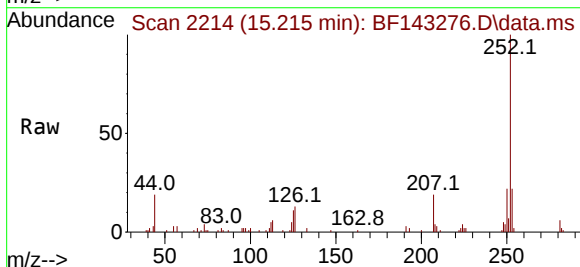
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

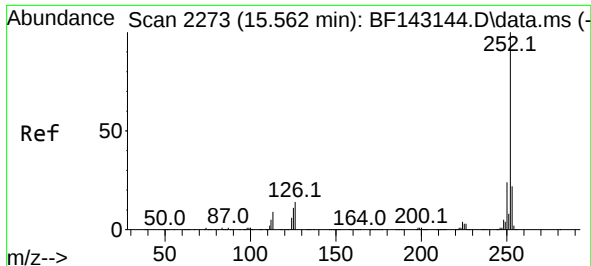
Tgt Ion:252 Resp: 24824
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 10.2 8.0 12.0



#89
Benzo(k)fluoranthene
Concen: 2.479 ng
RT: 15.215 min Scan# 2214
Delta R.T. 0.006 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

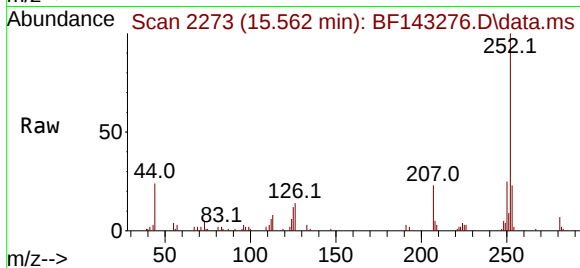
Tgt Ion:252 Resp: 25892
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 10.6 8.1 12.1



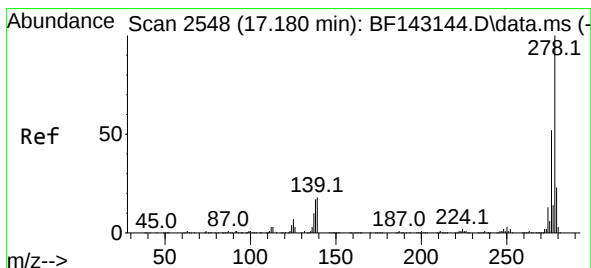
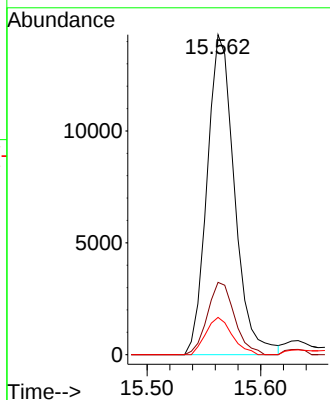
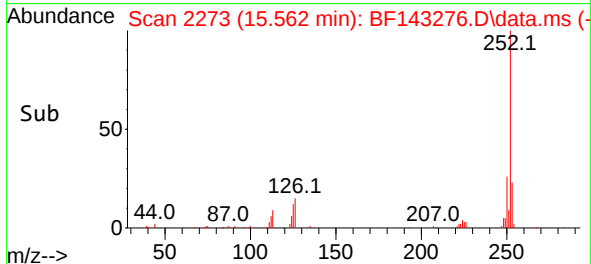


#90
Benzo(a)pyrene
Concen: 2.222 ng
RT: 15.562 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44

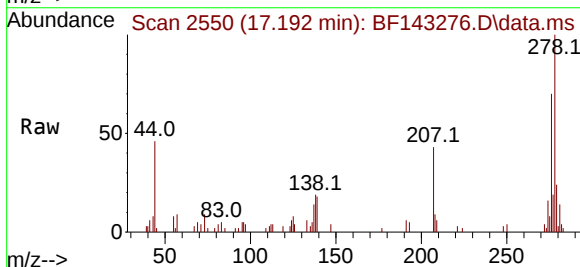
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025



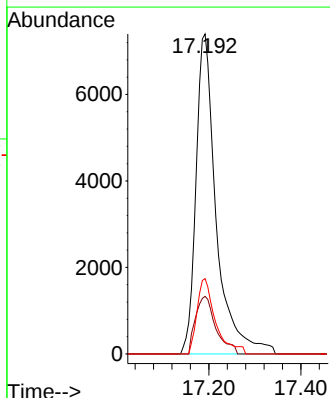
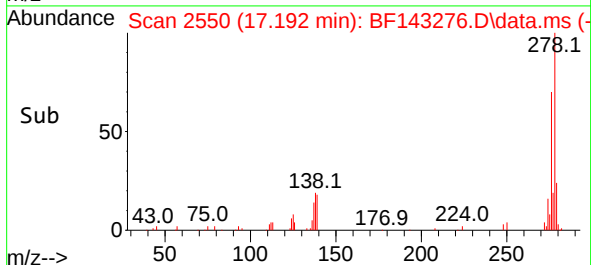
Tgt Ion:252 Resp: 23964
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 11.7 8.6 13.0

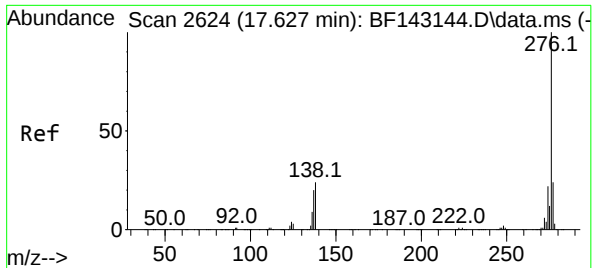


#91
Dibenzo(a,h)anthracene
Concen: 2.062 ng
RT: 17.192 min Scan# 2550
Delta R.T. 0.012 min
Lab File: BF143276.D
Acq: 01 Aug 2025 11:44



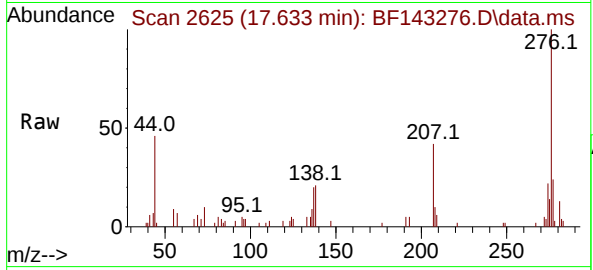
Tgt Ion:278 Resp: 22674
Ion Ratio Lower Upper
278 100
139 18.0 14.1 21.1
279 23.5 18.6 28.0





#92
 Benzo(g,h,i)perylene
 Concen: 2.075 ng
 RT: 17.633 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: BF143276.D
 Acq: 01 Aug 2025 11:44

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025



Tgt Ion:	276	Resp:	22067
Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	20.6	18.9	28.3

