

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030725\
 Data File : BF141894.D
 Acq On : 07 Mar 2025 18:59
 Operator : RC/JU
 Sample : Q1488-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-101-SB01MSD

Quant Time: Mar 07 21:46:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	134345	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	510741	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	263683	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	403770	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	354164	20.000	ng	-0.01
86) Perylene-d12	15.515	264	380393	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1028686	122.282	ng	0.02
7) Phenol-d6	6.510	99	1205472	110.094	ng	0.00
23) Nitrobenzene-d5	7.445	82	896395	112.185	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	432585	174.746	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1677614	102.015	ng	0.00
79) Terphenyl-d14	12.986	244	1673540	76.452	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.804	88	130927	34.300	ng	# 81
3) Pyridine	3.528	79	291474	30.690	ng	94
4) n-Nitrosodimethylamine	3.463	42	160531	35.129	ng	# 96
6) Aniline	6.551	93	254074	22.320	ng	100
8) 2-Chlorophenol	6.669	128	371175	40.787	ng	95
9) Benzaldehyde	6.439	77	75536	11.860	ng	97
10) Phenol	6.522	94	392161	33.517	ng	95
11) bis(2-Chloroethyl)ether	6.622	93	324729	36.409	ng	95
12) 1,3-Dichlorobenzene	6.828	146	367281	37.687	ng	99
13) 1,4-Dichlorobenzene	6.904	146	370754	37.756	ng	100
14) 1,2-Dichlorobenzene	7.057	146	360428	39.307	ng	99
15) Benzyl Alcohol	7.022	79	333525	38.114	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	387872	28.636	ng	94
17) 2-Methylphenol	7.134	107	290487	38.672	ng	98
18) Hexachloroethane	7.398	117	137227	37.337	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	252681	35.105	ng	98
20) 3+4-Methylphenols	7.281	107	376329	40.234	ng	96
22) Acetophenone	7.292	105	563087	45.267	ng	98
24) Nitrobenzene	7.463	77	387430	45.279	ng	99
25) Isophorone	7.704	82	691206	40.266	ng	97
26) 2-Nitrophenol	7.781	139	186144	48.633	ng	97
27) 2,4-Dimethylphenol	7.810	122	315518	50.002	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	414927	37.892	ng	99
29) 2,4-Dichlorophenol	8.016	162	316269	43.446	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	327544	41.062	ng	99
31) Naphthalene	8.186	128	1053250	40.124	ng	99
32) Benzoic acid	7.910	122	208873	40.996	ng	98
33) 4-Chloroaniline	8.233	127	110589	11.490	ng	97
34) Hexachlorobutadiene	8.304	225	209578	42.280	ng	99
35) Caprolactam	8.592	113	69957	31.239	ng	# 84
36) 4-Chloro-3-methylphenol	8.710	107	342009	42.293	ng	99
37) 2-Methylnaphthalene	8.875	142	668844	38.846	ng	99
38) 1-Methylnaphthalene	8.975	142	659348	39.910	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	384500	50.489	ng	99
41) Hexachlorocyclopentadiene	9.033	237	354394	111.510	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	229240	46.600	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030725\
 Data File : BF141894.D
 Acq On : 07 Mar 2025 18:59
 Operator : RC/JU
 Sample : Q1488-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-101-SB01MSD

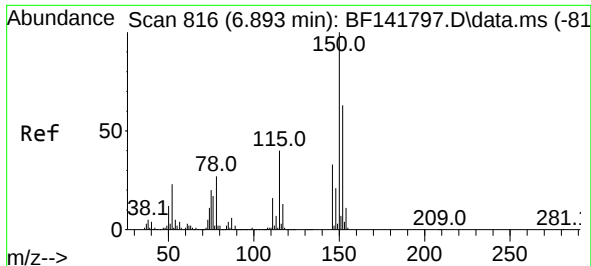
Quant Time: Mar 07 21:46:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	245109	50.318	ng	99
46) 1,1'-Biphenyl	9.339	154	988985	49.276	ng	98
47) 2-Chloronaphthalene	9.369	162	659104	44.493	ng	99
48) 2-Nitroaniline	9.457	65	206180	50.590	ng	94
49) Acenaphthylene	9.780	152	1040851	46.864	ng	99
50) Dimethylphthalate	9.639	163	812721	46.025	ng	100
51) 2,6-Dinitrotoluene	9.698	165	175263	51.654	ng	94
52) Acenaphthene	9.951	154	722307	48.198	ng	98
53) 3-Nitroaniline	9.869	138	97436	28.372	ng	# 95
54) 2,4-Dinitrophenol	9.975	184	137236	86.130	ng	# 1
55) Dibenzofuran	10.127	168	933866	42.813	ng	100
56) 4-Nitrophenol	10.022	139	270754	103.815	ng	94
57) 2,4-Dinitrotoluene	10.104	165	235820	56.481	ng	91
58) Fluorene	10.469	166	726575	44.469	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	204200	48.200	ng	99
60) Diethylphthalate	10.339	149	775577	43.812	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	367966	44.949	ng	98
62) 4-Nitroaniline	10.480	138	156047	51.746	ng	97
63) Azobenzene	10.622	77	705547	37.853	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	94537	49.429	ng	86
66) n-Nitrosodiphenylamine	10.575	169	640239	48.289	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	222564	47.191	ng	98
68) Hexachlorobenzene	11.016	284	248851	49.968	ng	95
69) Atrazine	11.104	200	241903	66.347	ng	98
70) Pentachlorophenol	11.204	266	313151	99.142	ng	99
71) Phenanthrene	11.427	178	987200	45.709	ng	100
72) Anthracene	11.480	178	1008649	46.598	ng	99
73) Carbazole	11.633	167	873000	45.671	ng	99
74) Di-n-butylphthalate	11.963	149	1068561	44.102	ng	99
75) Fluoranthene	12.616	202	991365	44.797	ng	96
77) Benzidine	12.733	184	318211	71.385	ng	100
78) Pyrene	12.845	202	1030931	33.615	ng	98
80) Butylbenzylphthalate	13.463	149	408177	36.632	ng	96
81) Benzo(a)anthracene	14.033	228	1056782	45.175	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	254664	37.944	ng	99
83) Chrysene	14.068	228	931717	43.206	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	551160	39.726	ng	100
85) Di-n-octyl phthalate	14.633	149	997945	48.045	ng	95
87) Indeno(1,2,3-cd)pyrene	17.003	276	890859	36.779	ng	95
88) Benzo(b)fluoranthene	15.080	252	1102180	42.537	ng	98
89) Benzo(k)fluoranthene	15.080	252	1102180	50.046	ng	98
90) Benzo(a)pyrene	15.451	252	972786	46.812	ng	98
91) Dibenzo(a,h)anthracene	17.021	278	740740	37.465	ng	# 95
92) Benzo(g,h,i)perylene	17.451	276	622794	30.747	ng	95

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

Quant Time: Mar 07 21:46:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 28 01:48:16 2025
Response via : Initial Calibration

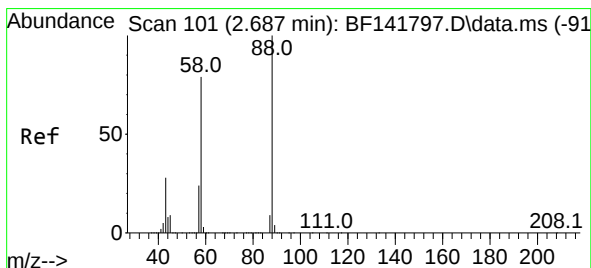
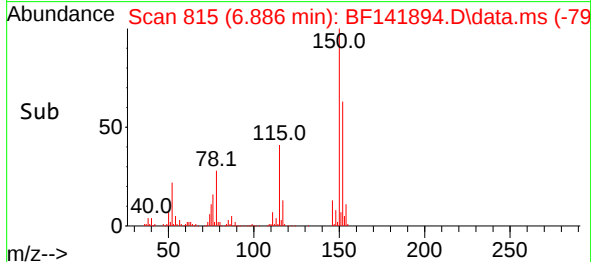
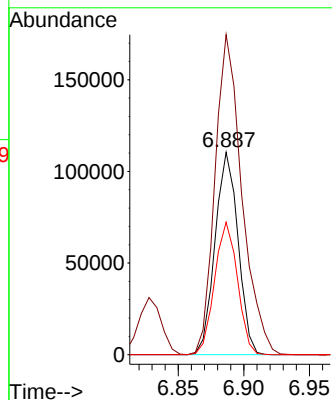
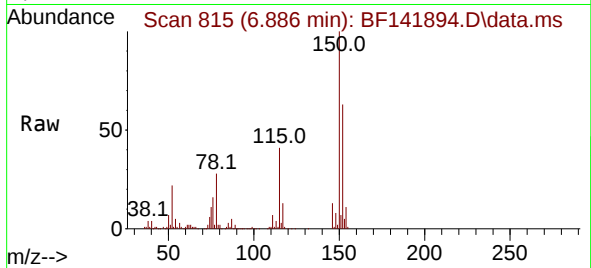




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF141894.D
 Acq: 07 Mar 2025 18:59

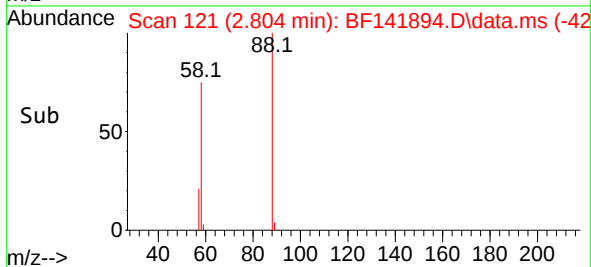
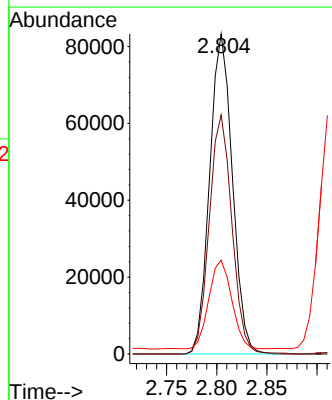
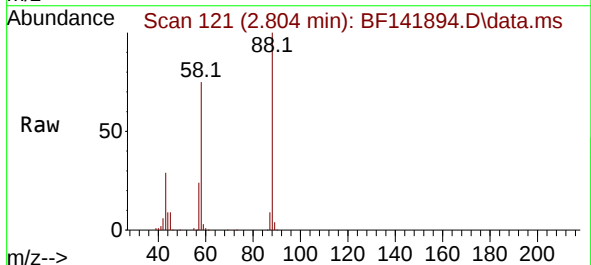
Instrument :
 BNA_F
 ClientSampleId :
 ENV-101-SB01MSD

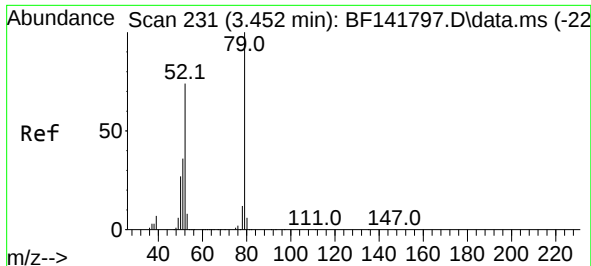
Tgt Ion:152 Resp: 134345
 Ion Ratio Lower Upper
 152 100
 150 158.1 127.5 191.3
 115 65.5 51.4 77.2



#2
 1,4-Dioxane
 Concen: 34.300 ng
 RT: 2.804 min Scan# 121
 Delta R.T. 0.117 min
 Lab File: BF141894.D
 Acq: 07 Mar 2025 18:59

Tgt Ion: 88 Resp: 130927
 Ion Ratio Lower Upper
 88 100
 58 74.5 63.9 95.9
 43 0.0 23.0 34.6#





#3

Pyridine

Concen: 30.690 ng

RT: 3.528 min Scan# 244

Delta R.T. 0.076 min

Lab File: BF141894.D

Acq: 07 Mar 2025 18:59

Instrument :

BNA_F

ClientSampleId :

ENV-101-SB01MSD

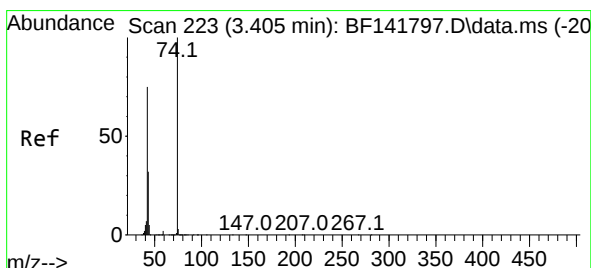
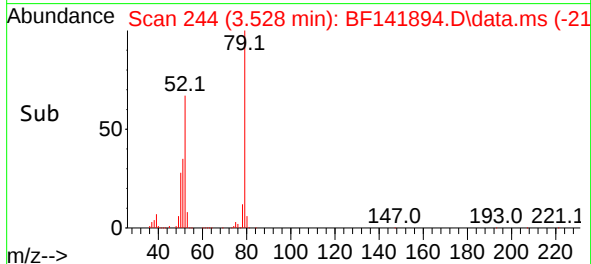
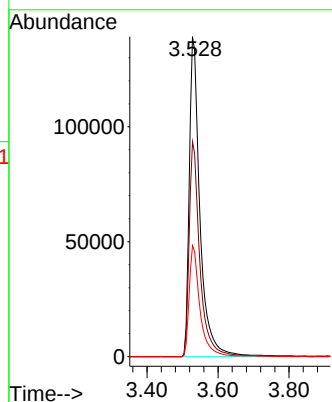
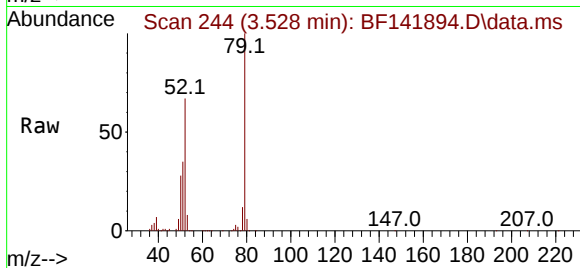
Tgt Ion: 79 Resp: 291474

Ion Ratio Lower Upper

79 100

52 67.2 59.0 88.4

51 34.7 29.0 43.4



#4

n-Nitrosodimethylamine

Concen: 35.129 ng

RT: 3.463 min Scan# 233

Delta R.T. 0.059 min

Lab File: BF141894.D

Acq: 07 Mar 2025 18:59

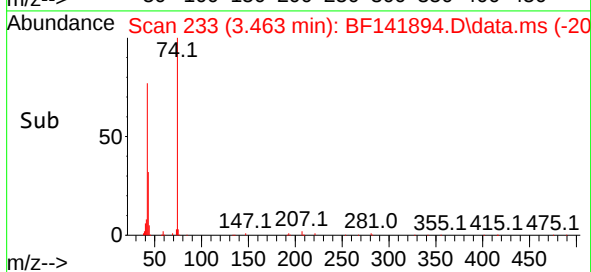
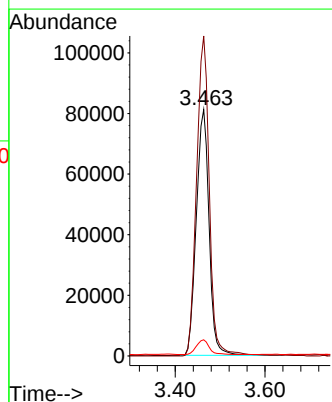
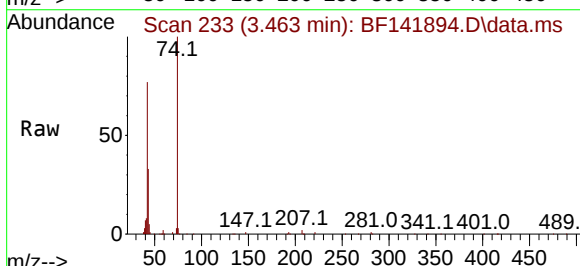
Tgt Ion: 42 Resp: 160531

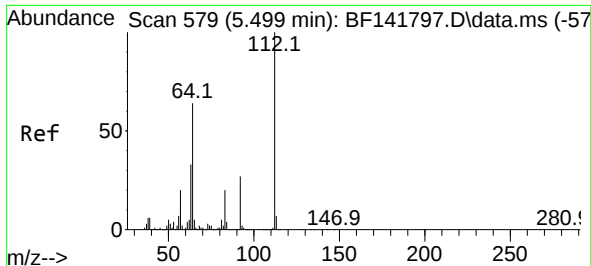
Ion Ratio Lower Upper

42 100

74 129.8 107.1 160.7

44 6.5 6.6 9.8#

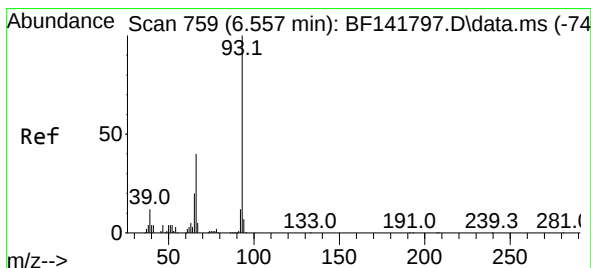
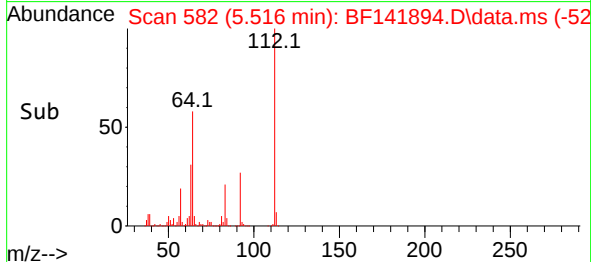
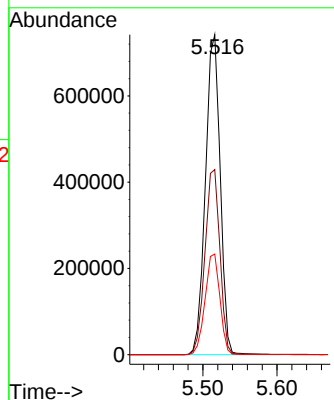
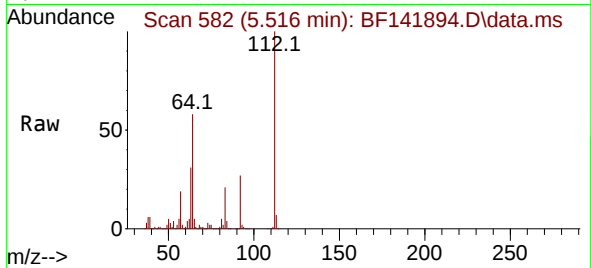




#5
2-Fluorophenol
Concen: 122.282 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

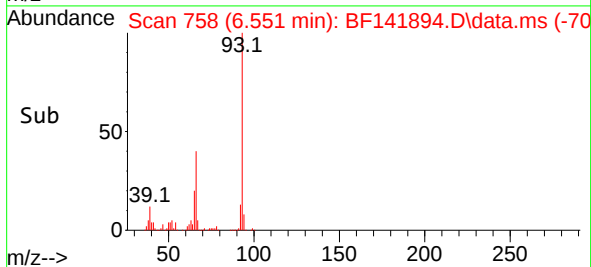
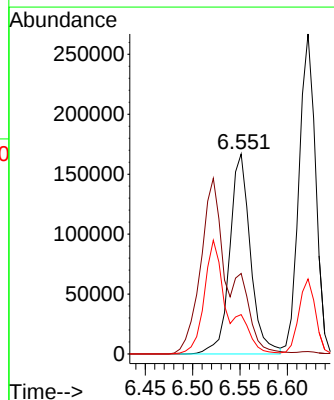
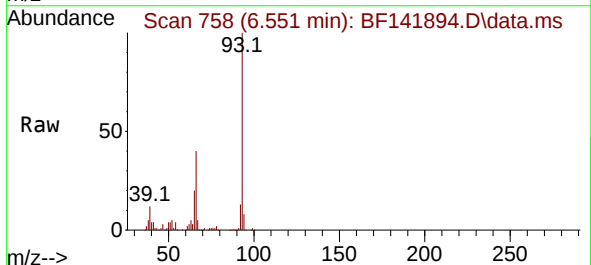
Instrument :
BNA_F
ClientSampleId :
ENV-101-SB01MSD

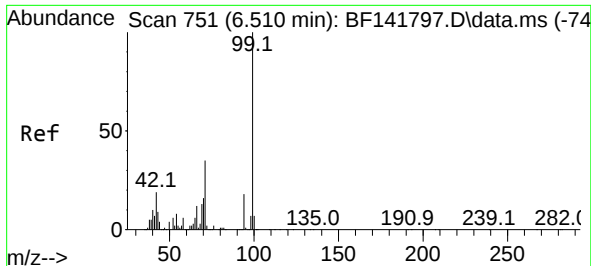
Tgt Ion:112 Resp: 1028686
Ion Ratio Lower Upper
112 100
64 57.8 51.3 76.9
63 31.5 26.2 39.4



#6
Aniline
Concen: 22.320 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

Tgt Ion: 93 Resp: 254074
Ion Ratio Lower Upper
93 100
66 40.2 32.3 48.5
65 19.7 15.9 23.9

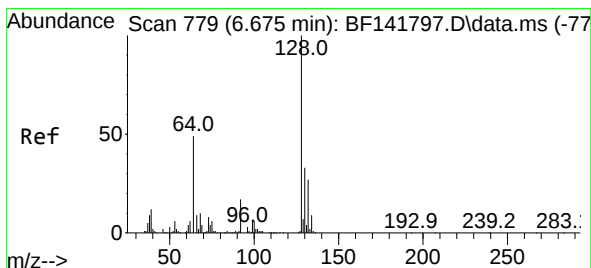
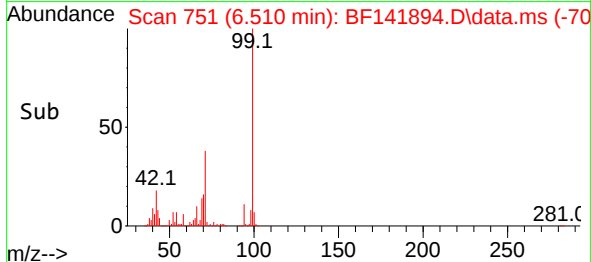
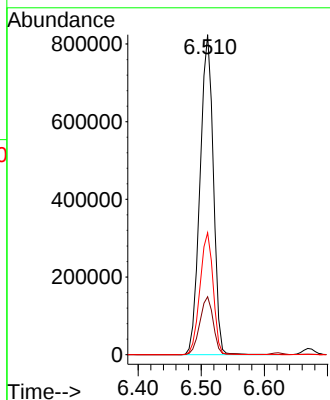
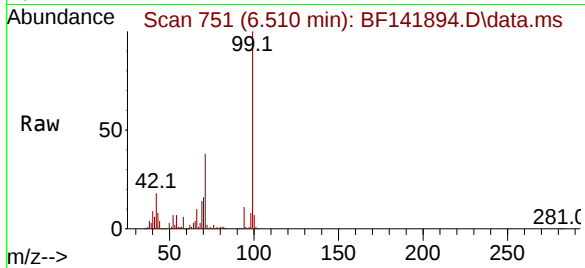




#7
Phenol-d6
Concen: 110.094 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

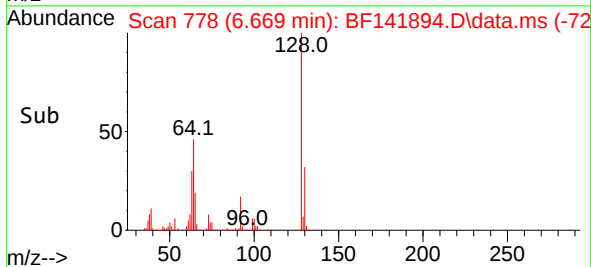
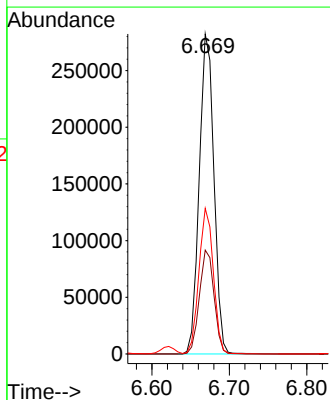
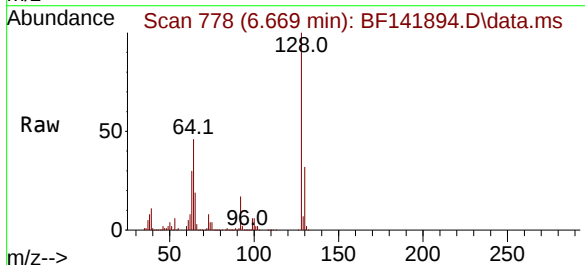
Instrument :
BNA_F
ClientSampleId :
ENV-101-SB01MSD

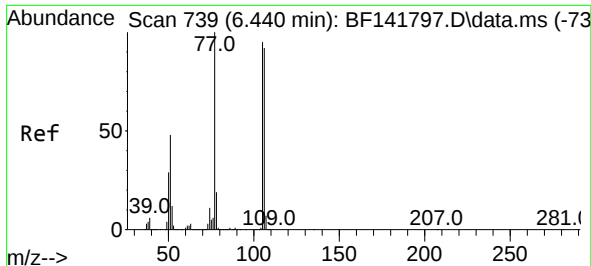
Tgt Ion: 99 Resp: 1205472
Ion Ratio Lower Upper
99 100
42 18.1 15.2 22.8
71 38.1 28.2 42.2



#8
2-Chlorophenol
Concen: 40.787 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

Tgt Ion:128 Resp: 371175
Ion Ratio Lower Upper
128 100
130 32.4 12.6 52.6
64 45.5 31.1 71.1

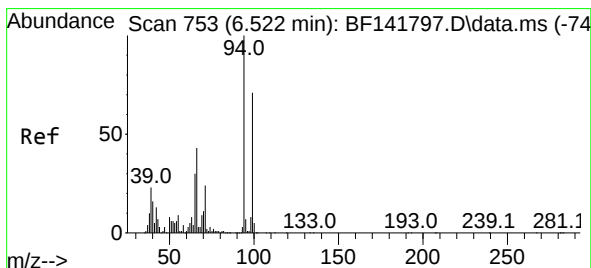
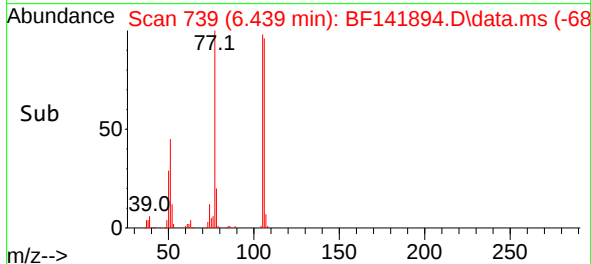
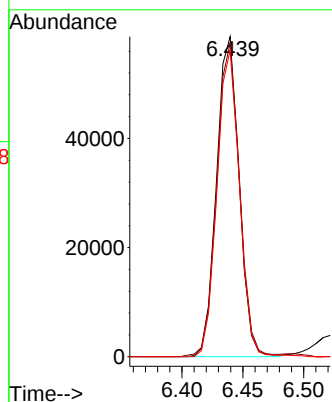
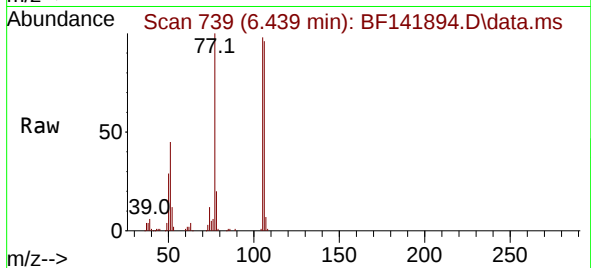




#9
Benzaldehyde
Concen: 11.860 ng
RT: 6.439 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

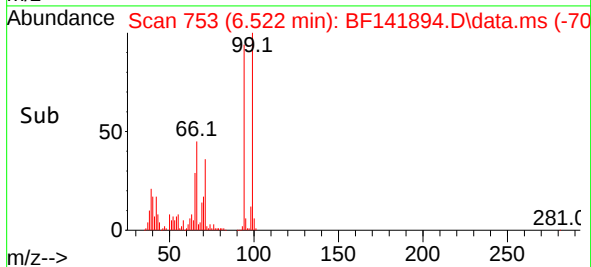
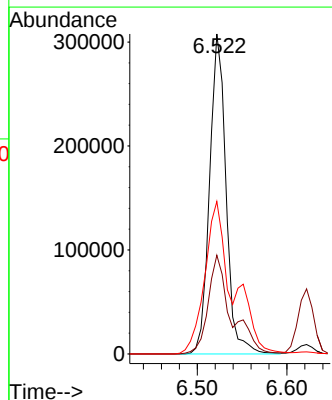
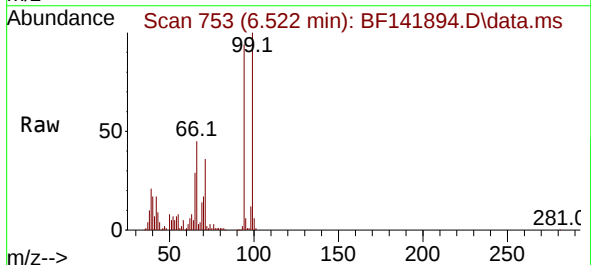
Instrument :
BNA_F
ClientSampleId :
ENV-101-SB01MSD

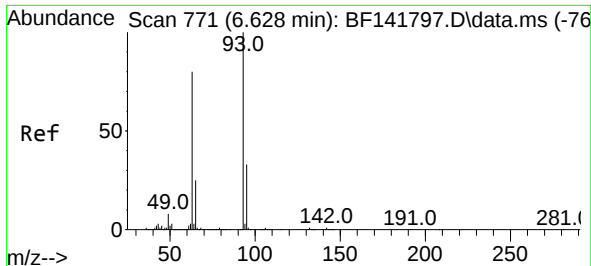
Tgt Ion: 77 Resp: 75536
Ion Ratio Lower Upper
77 100
105 97.9 75.3 115.3
106 95.8 72.3 112.3



#10
Phenol
Concen: 33.517 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

Tgt Ion: 94 Resp: 392161
Ion Ratio Lower Upper
94 100
65 30.9 10.2 50.2
66 47.6 23.2 63.2





#11

bis(2-Chloroethyl)ether

Concen: 36.409 ng

RT: 6.622 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF141894.D

Acq: 07 Mar 2025 18:59

Instrument :

BNA_F

ClientSampleId :

ENV-101-SB01MSD

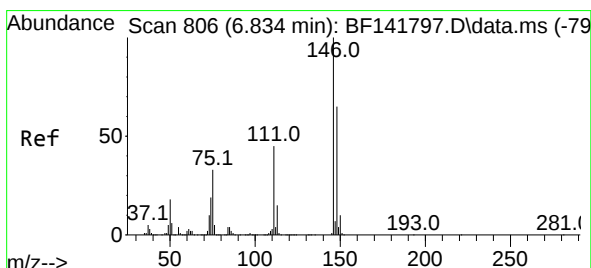
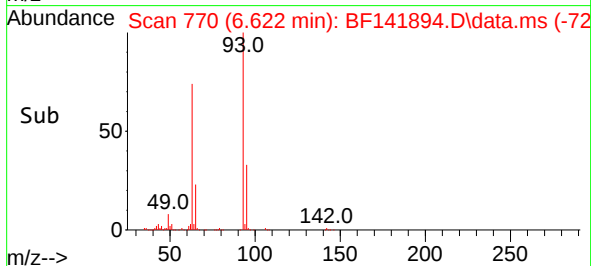
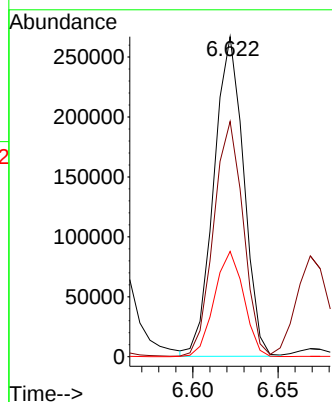
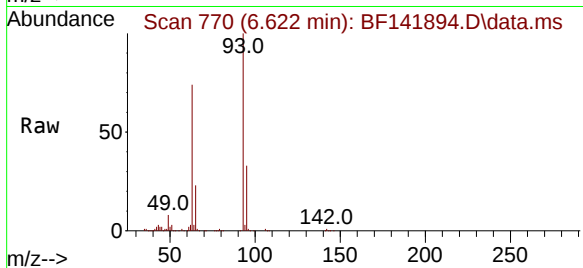
Tgt Ion: 93 Resp: 324729

Ion Ratio Lower Upper

93 100

63 73.5 59.3 99.3

95 32.9 13.2 53.2



#12

1,3-Dichlorobenzene

Concen: 37.687 ng

RT: 6.828 min Scan# 805

Delta R.T. -0.006 min

Lab File: BF141894.D

Acq: 07 Mar 2025 18:59

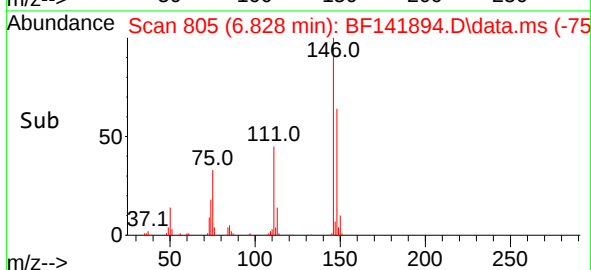
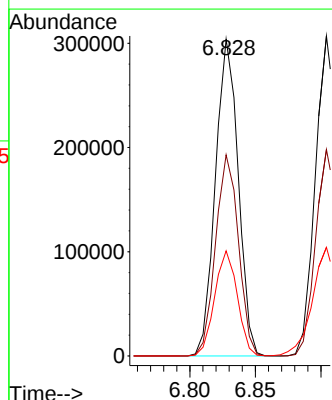
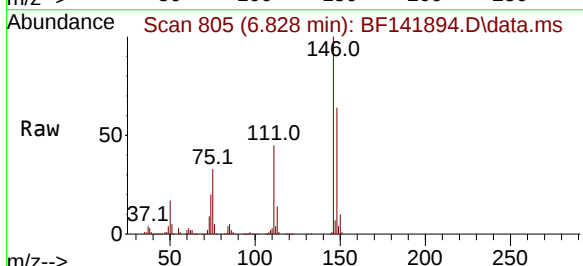
Tgt Ion:146 Resp: 367281

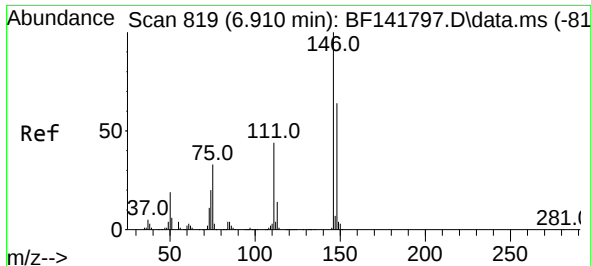
Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.6

75 33.2 26.2 39.4

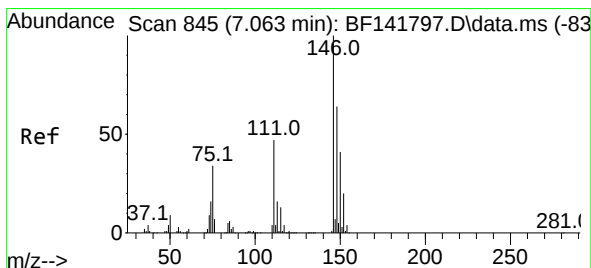
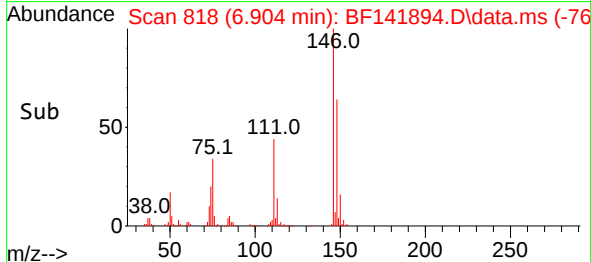
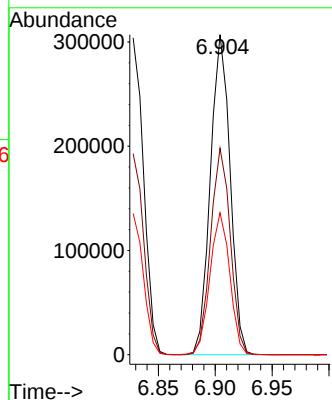
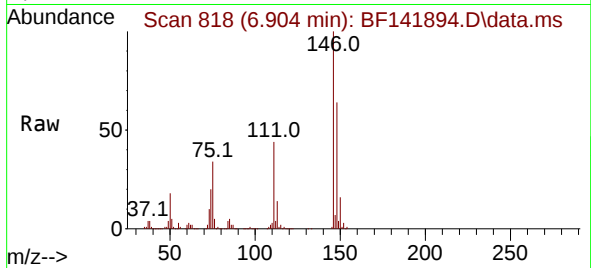




#13
1,4-Dichlorobenzene
Concen: 37.756 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

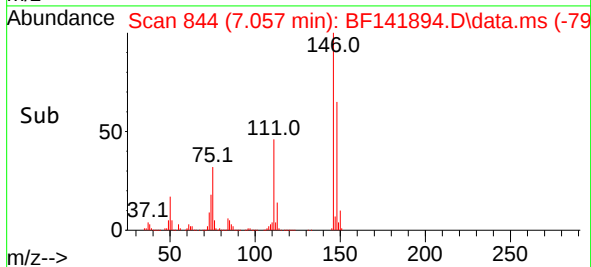
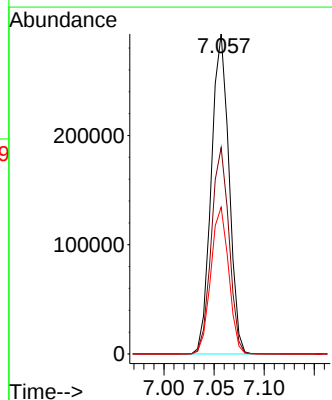
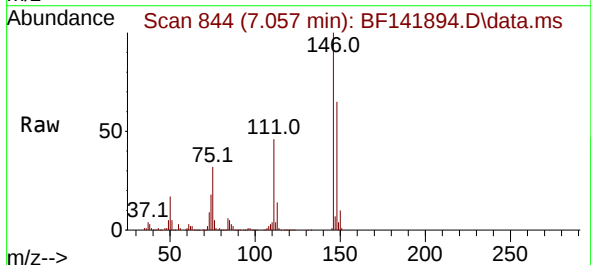
Instrument :
BNA_F
ClientSampleId :
ENV-101-SB01MSD

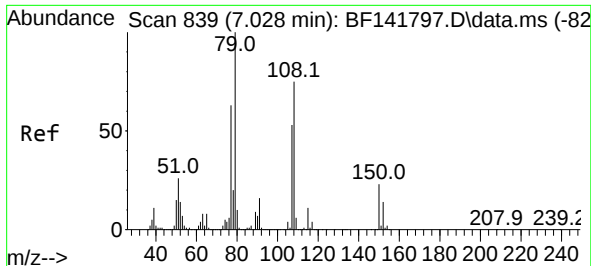
Tgt Ion:146 Resp: 370754
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.2
111 44.4 35.5 53.3



#14
1,2-Dichlorobenzene
Concen: 39.307 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

Tgt Ion:146 Resp: 360428
Ion Ratio Lower Upper
146 100
148 64.5 51.2 76.8
111 45.8 37.8 56.6

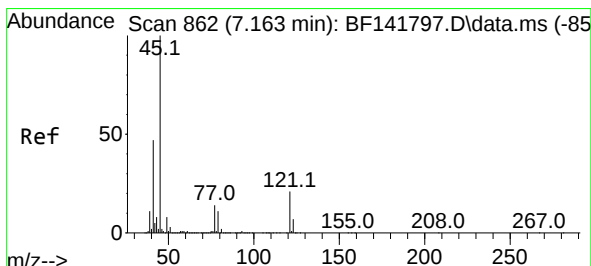
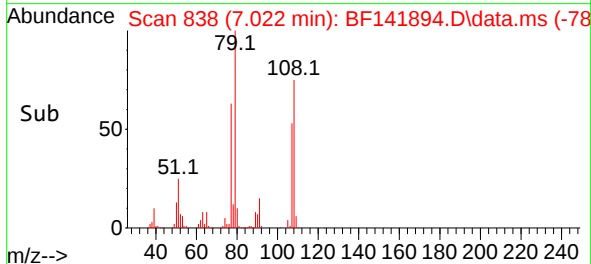
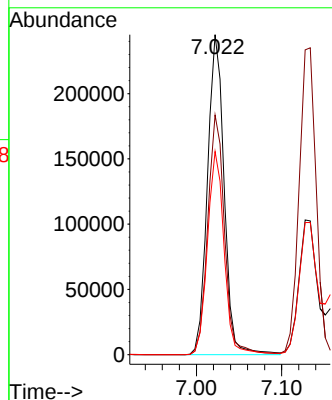
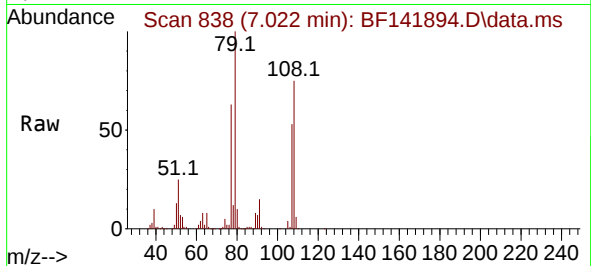




#15
Benzyl Alcohol
Concen: 38.114 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

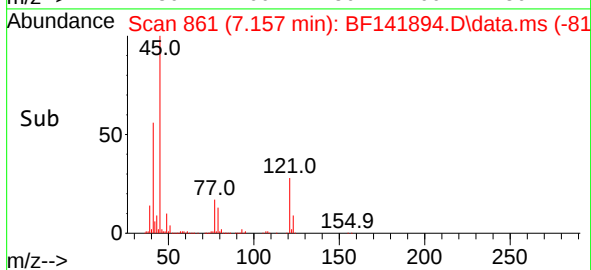
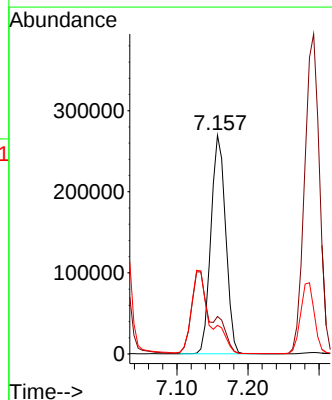
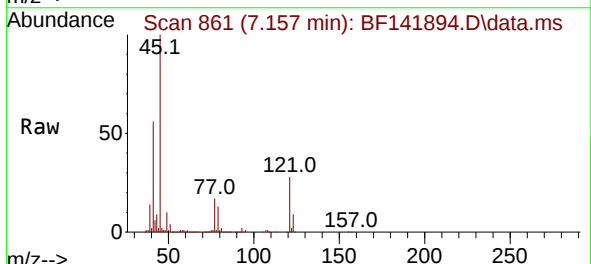
Instrument :
BNA_F
ClientSampleId :
ENV-101-SB01MSD

Tgt Ion: 79 Resp: 333525
Ion Ratio Lower Upper
79 100
108 74.9 60.2 90.2
77 63.5 50.2 75.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 28.636 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

Tgt Ion: 45 Resp: 387872
Ion Ratio Lower Upper
45 100
77 17.1 0.0 34.4
79 13.1 0.0 30.9



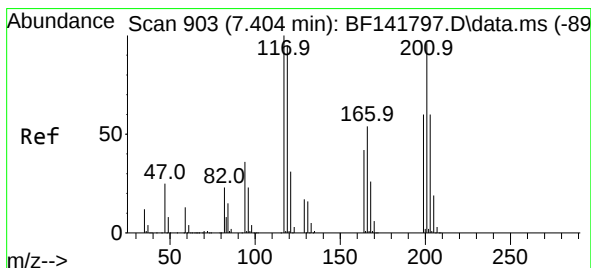
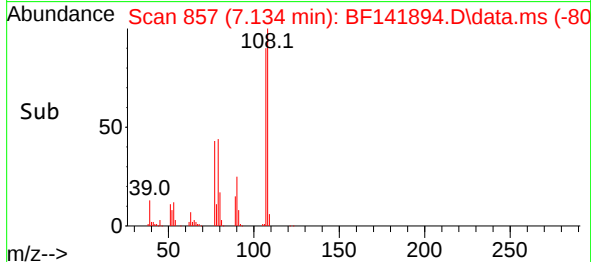
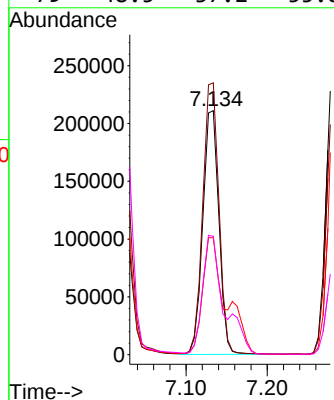
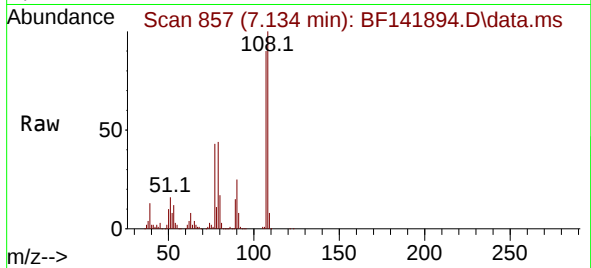


#17
2-Methylphenol
Concen: 38.672 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

Instrument :
BNA_F
ClientSampleId :
ENV-101-SB01MSD

Tgt Ion:107 Resp: 290487

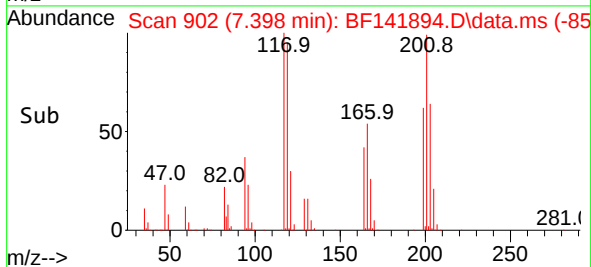
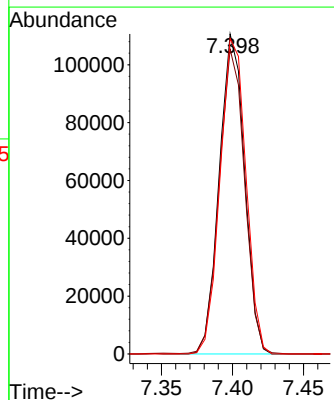
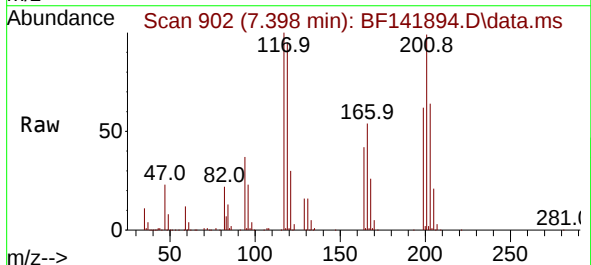
Ion	Ratio	Lower	Upper
107	100		
108	111.4	90.6	135.8
77	48.0	37.7	56.5
79	48.5	37.2	55.8

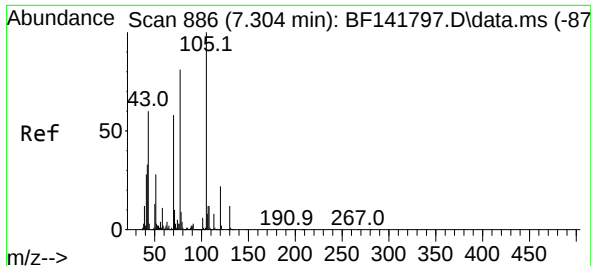


#18
Hexachloroethane
Concen: 37.337 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

Tgt Ion:117 Resp: 137227

Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.8	113.8
201	98.5	76.7	115.1

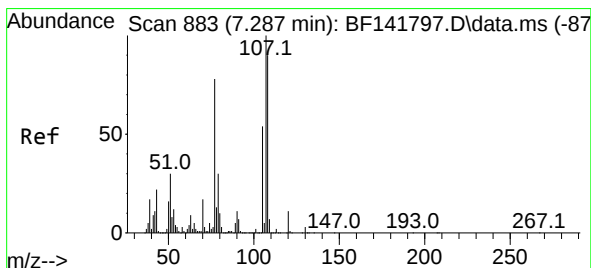
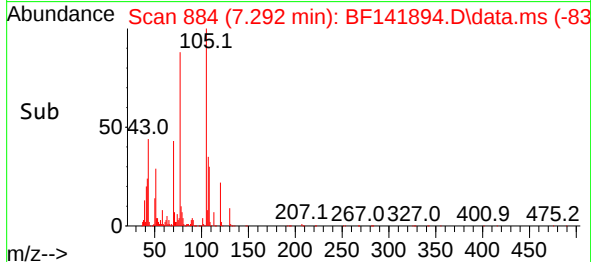
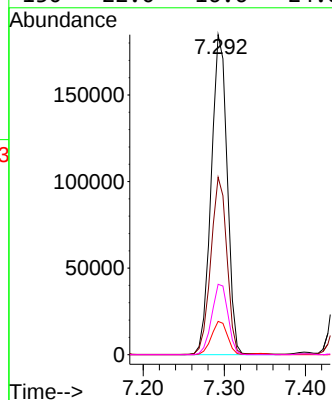
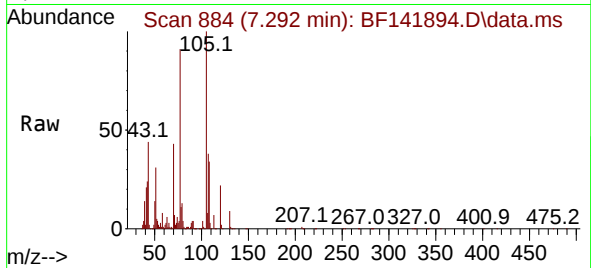




#19
n-Nitroso-di-n-propylamine
Concen: 35.105 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

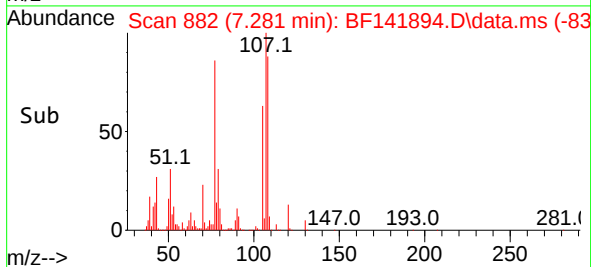
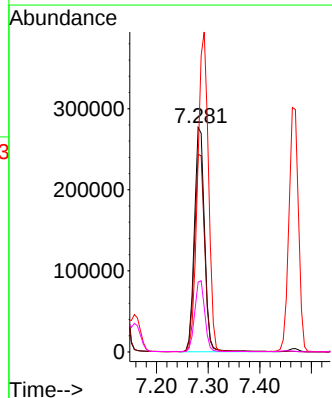
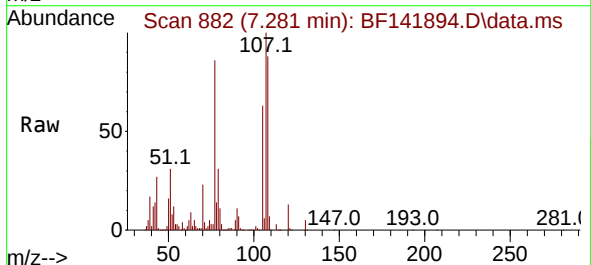
Instrument :
BNA_F
ClientSampleId :
ENV-101-SB01MSD

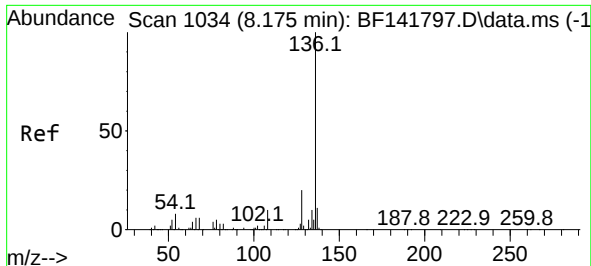
Tgt Ion: 70 Resp: 252681
Ion Ratio Lower Upper
70 100
42 55.4 45.4 68.0
101 10.4 7.8 11.8
130 22.0 16.6 24.8



#20
3+4-Methylphenols
Concen: 40.234 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

Tgt Ion: 107 Resp: 376329
Ion Ratio Lower Upper
107 100
108 88.0 69.7 109.7
77 85.9 58.3 98.3
79 31.2 10.3 50.3

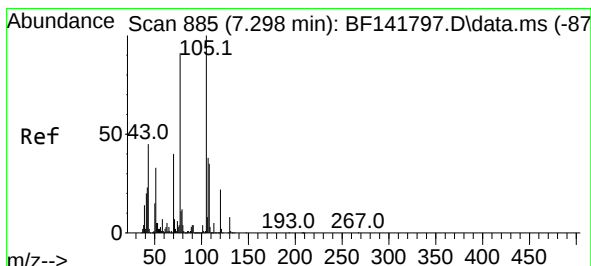
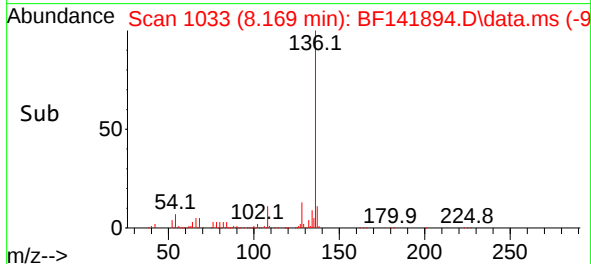
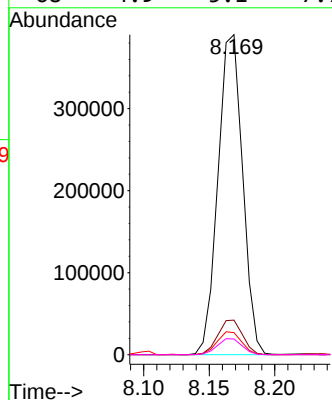
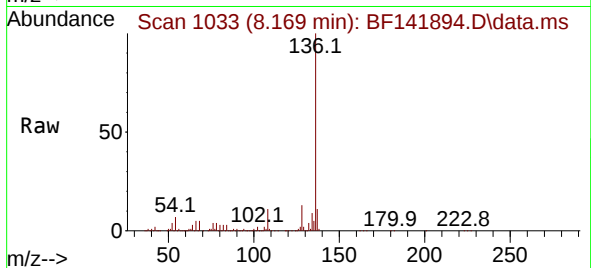




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

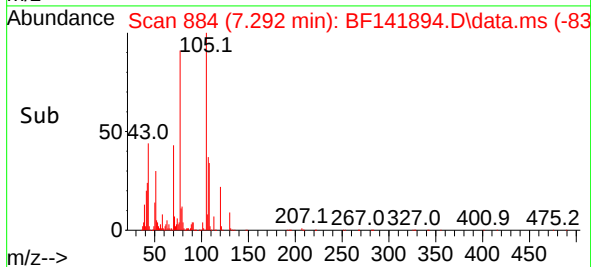
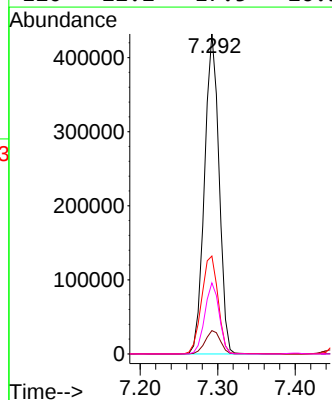
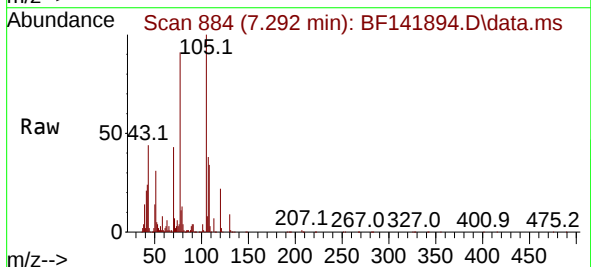
Instrument :
BNA_F
ClientSampleId :
ENV-101-SB01MSD

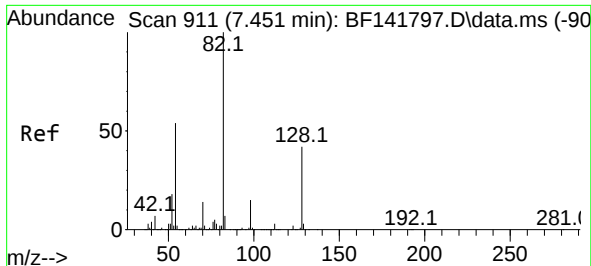
Tgt Ion:136 Resp: 510741
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.9 6.9 10.3
68 4.9 5.1 7.7#



#22
Acetophenone
Concen: 45.267 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

Tgt Ion:105 Resp: 563087
Ion Ratio Lower Upper
105 100
71 7.3 5.4 8.0
51 30.6 26.1 39.1
120 22.2 17.5 26.3

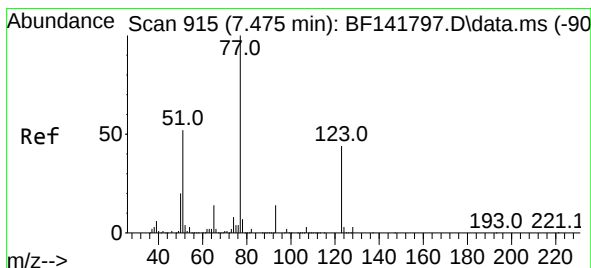
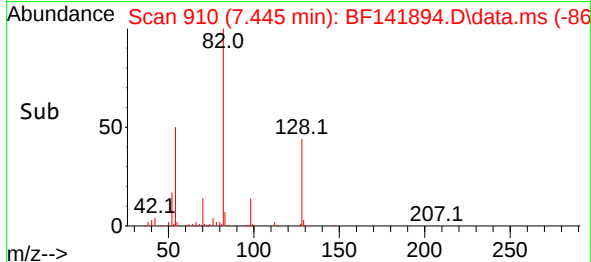
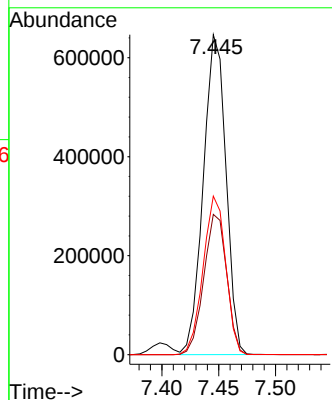
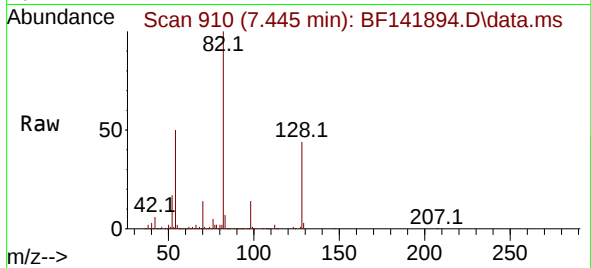




#23
Nitrobenzene-d5
Concen: 112.185 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

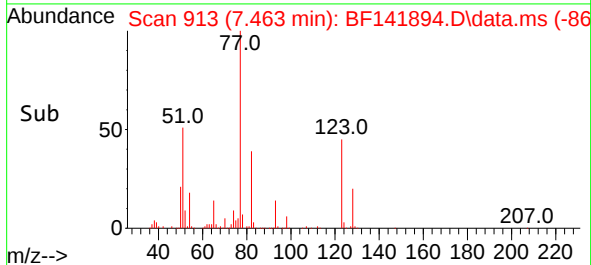
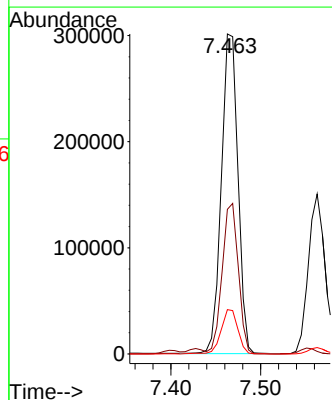
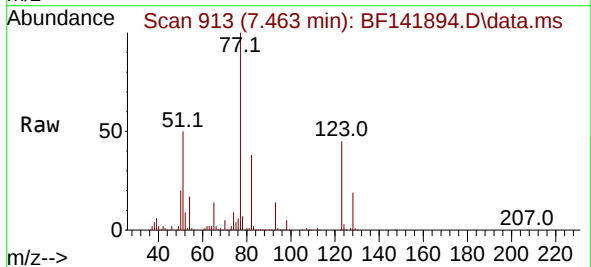
Instrument :
BNA_F
ClientSampleId :
ENV-101-SB01MSD

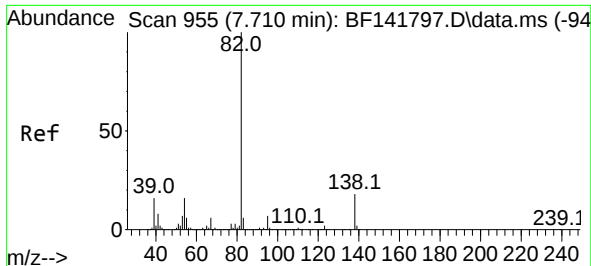
Tgt Ion: 82 Resp: 896395
Ion Ratio Lower Upper
82 100
128 43.9 33.5 50.3
54 49.6 42.7 64.1



#24
Nitrobenzene
Concen: 45.279 ng
RT: 7.463 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

Tgt Ion: 77 Resp: 387430
Ion Ratio Lower Upper
77 100
123 45.2 35.8 53.8
65 13.8 11.2 16.8

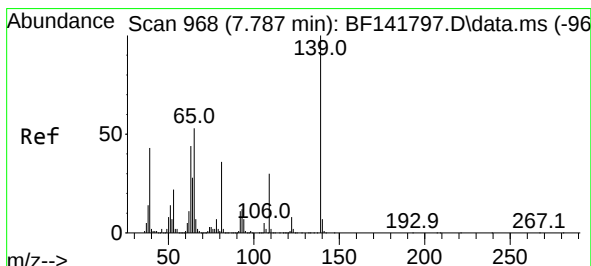
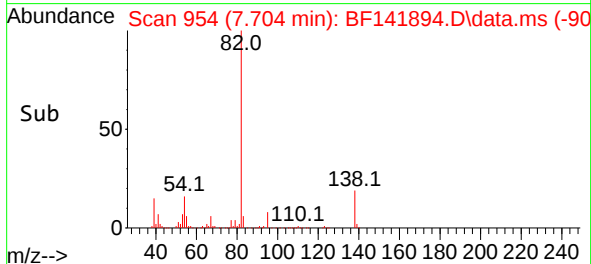
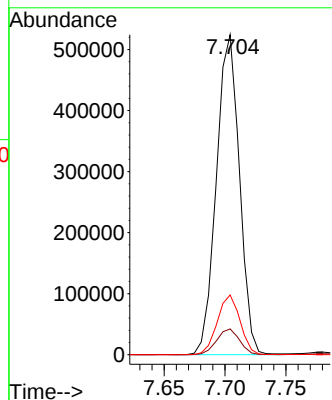
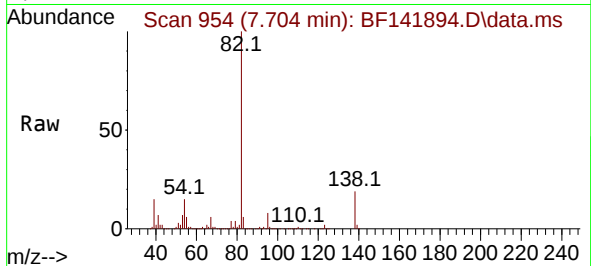




#25
Isophorone
Concen: 40.266 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

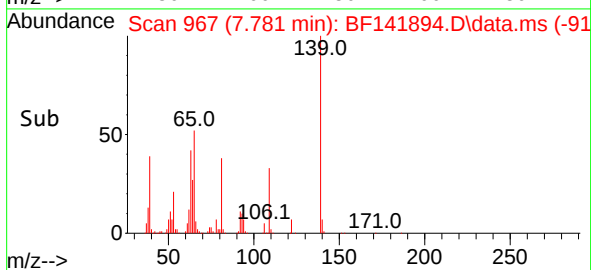
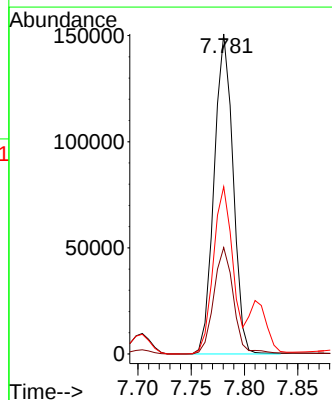
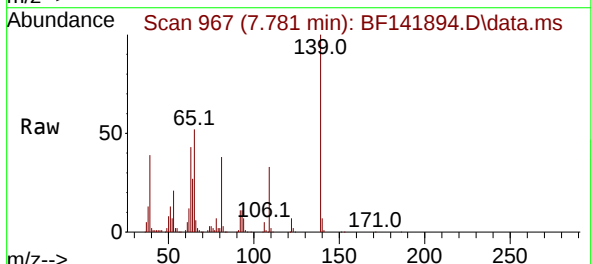
Instrument :
BNA_F
ClientSampleId :
ENV-101-SB01MSD

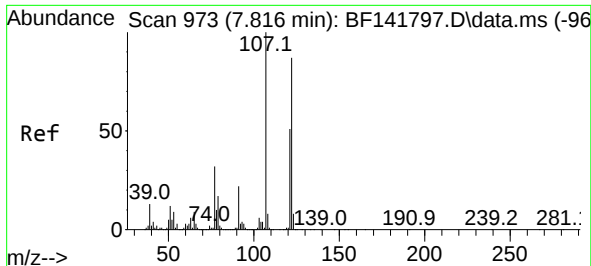
Tgt Ion: 82 Resp: 691206
Ion Ratio Lower Upper
82 100
95 8.0 5.8 8.8
138 18.7 14.0 21.0



#26
2-Nitrophenol
Concen: 48.633 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

Tgt Ion:139 Resp: 186144
Ion Ratio Lower Upper
139 100
109 33.3 24.1 36.1
65 52.3 42.3 63.5

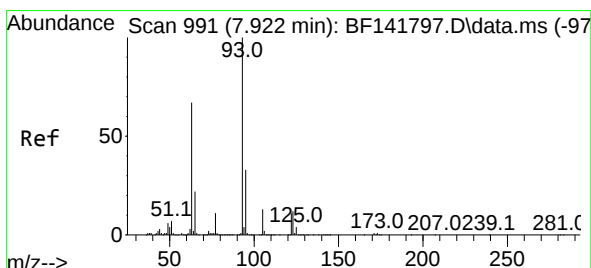
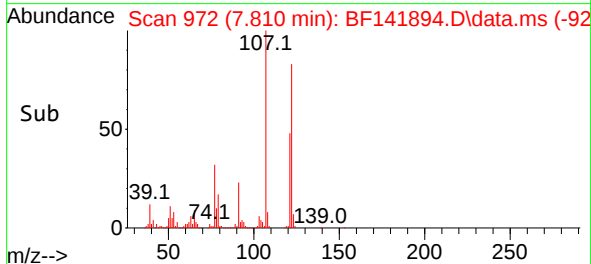
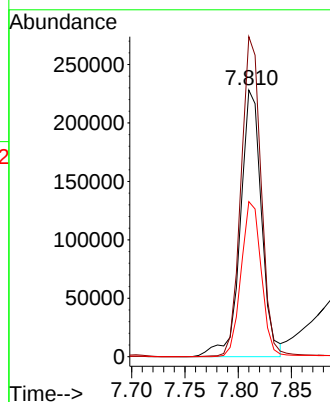
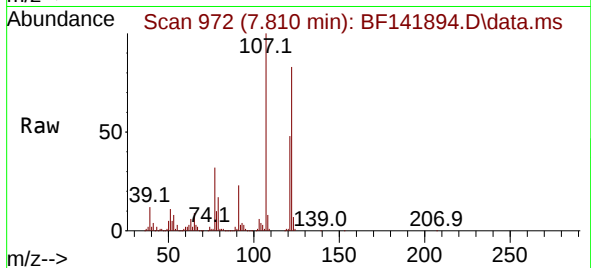




#27
2,4-Dimethylphenol
Concen: 50.002 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

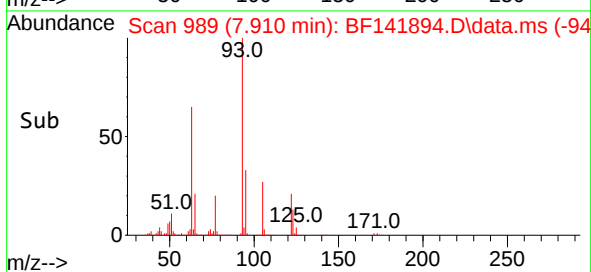
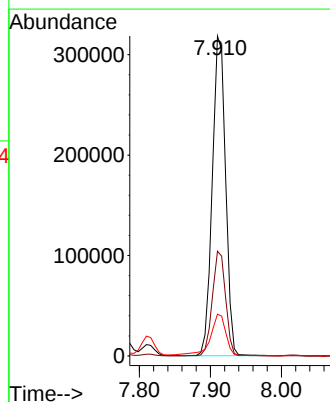
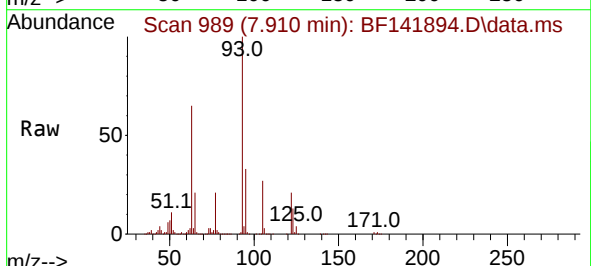
Instrument :
BNA_F
ClientSampleId :
ENV-101-SB01MSD

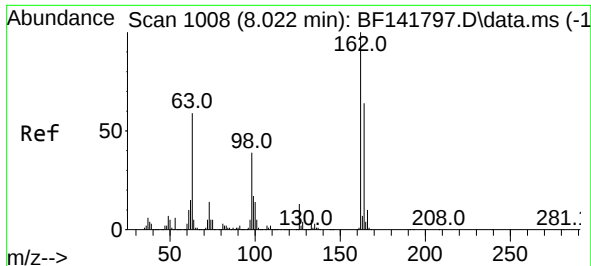
Tgt Ion:122 Resp: 315518
Ion Ratio Lower Upper
122 100
107 120.0 92.5 138.7
121 58.1 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 37.892 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.012 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

Tgt Ion: 93 Resp: 414927
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 13.0 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 43.446 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF141894.D

Acq: 07 Mar 2025 18:59

Instrument :

BNA_F

ClientSampleId :

ENV-101-SB01MSD

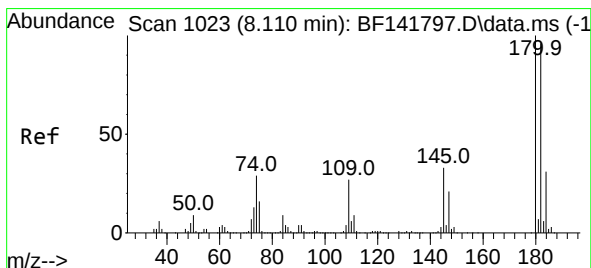
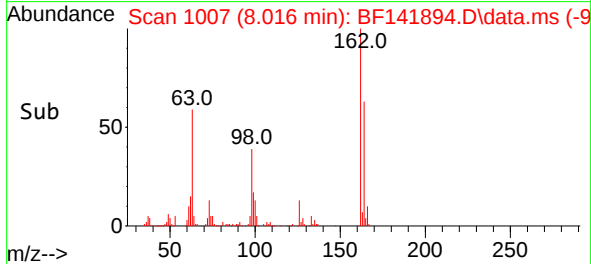
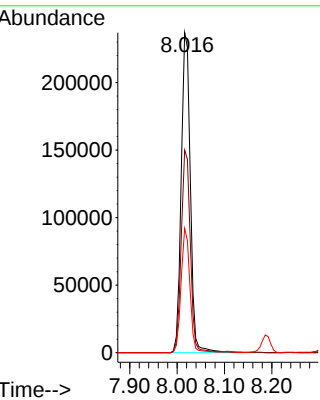
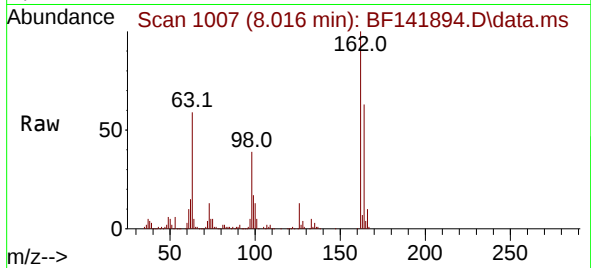
Tgt Ion:162 Resp: 316269

Ion Ratio Lower Upper

162 100

164 63.3 44.3 84.3

98 38.9 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 41.062 ng

RT: 8.104 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF141894.D

Acq: 07 Mar 2025 18:59

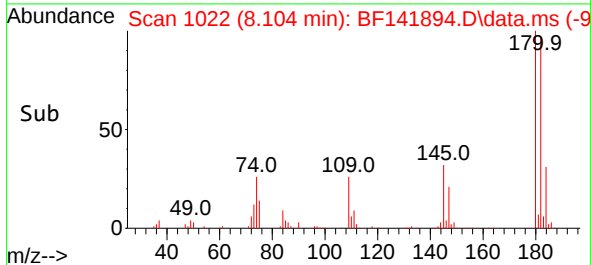
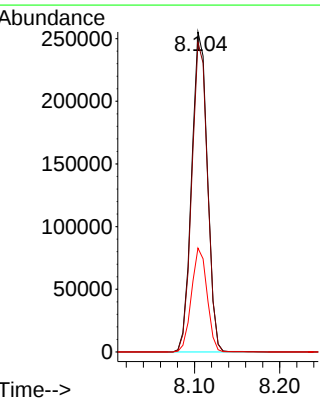
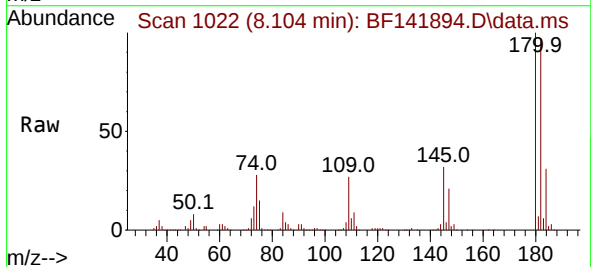
Tgt Ion:180 Resp: 327544

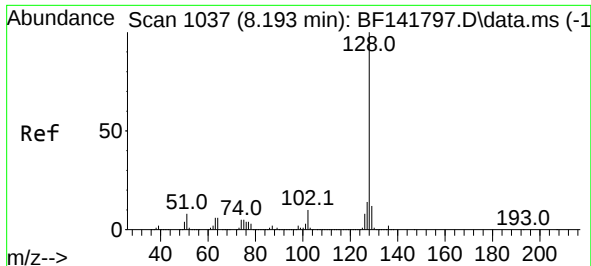
Ion Ratio Lower Upper

180 100

182 96.7 76.8 115.2

145 32.5 26.4 39.6

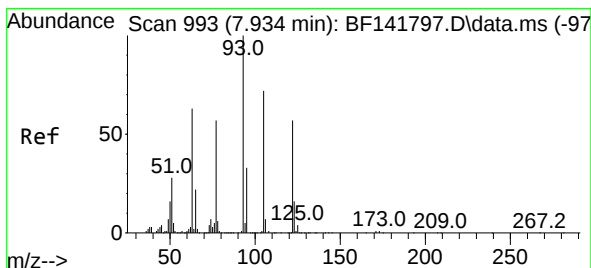
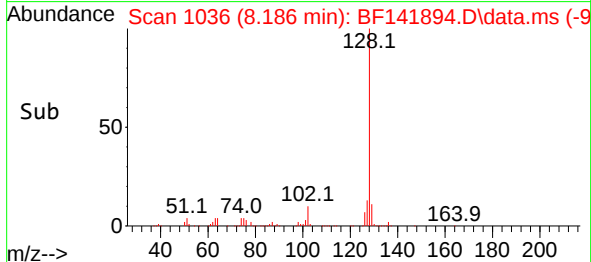
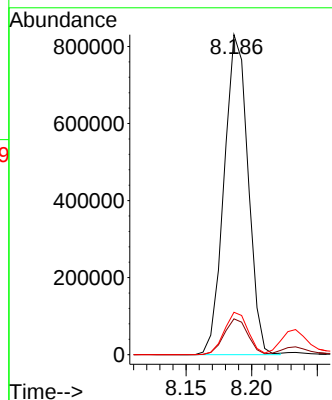
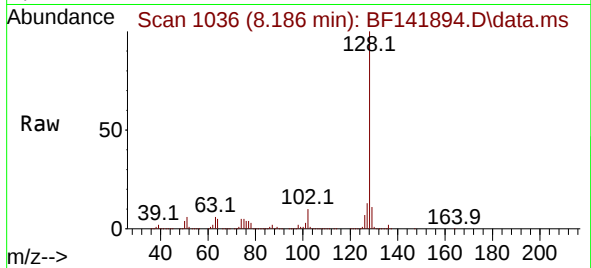




#31
Naphthalene
Concen: 40.124 ng
RT: 8.186 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

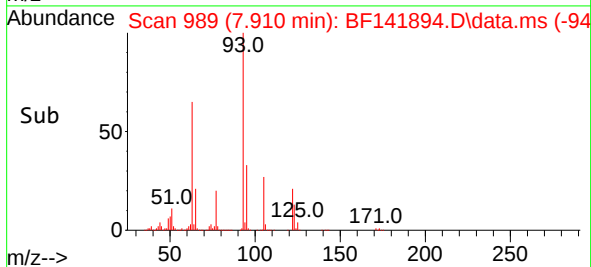
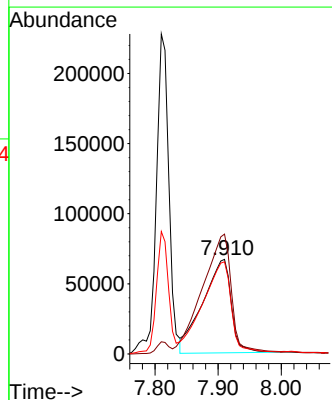
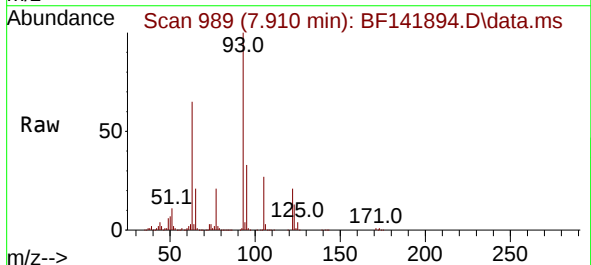
Instrument :
BNA_F
ClientSampleId :
ENV-101-SB01MSD

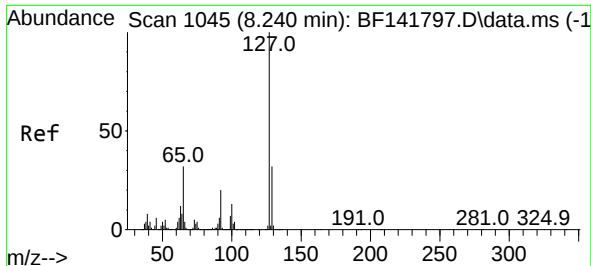
Tgt Ion:128 Resp: 1053250
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.3 11.0 16.4



#32
Benzoic acid
Concen: 40.996 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.024 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

Tgt Ion:122 Resp: 208873
Ion Ratio Lower Upper
122 100
105 126.8 105.8 145.8
77 97.5 79.9 119.9

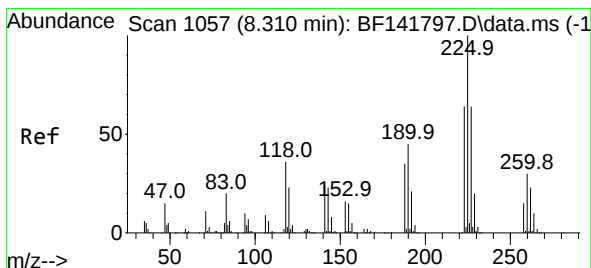
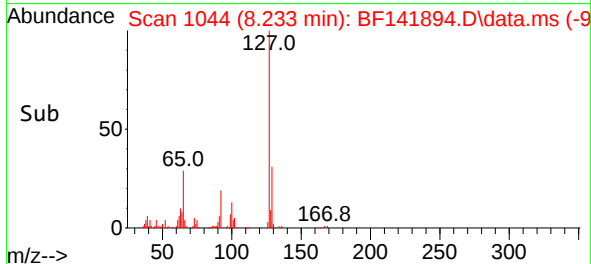
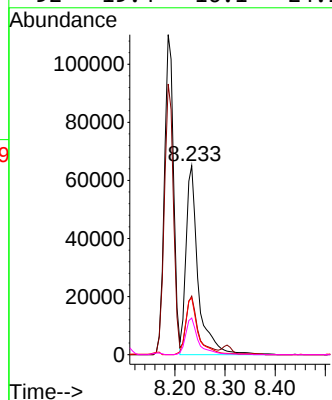
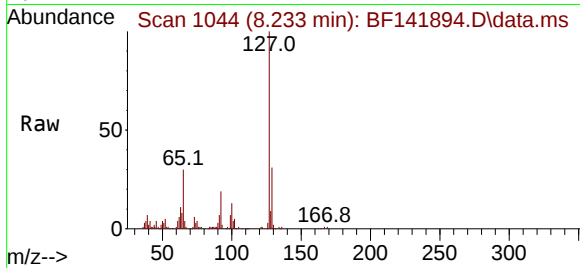




#33
4-Chloroaniline
Concen: 11.490 ng
RT: 8.233 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

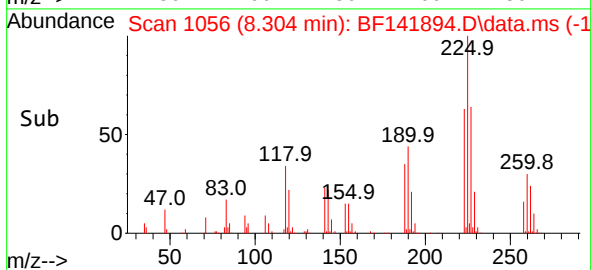
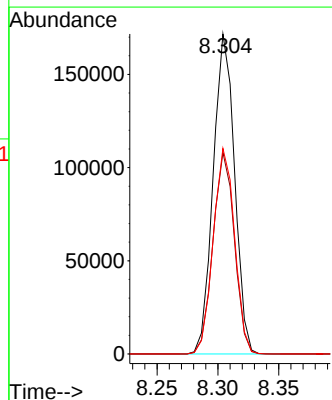
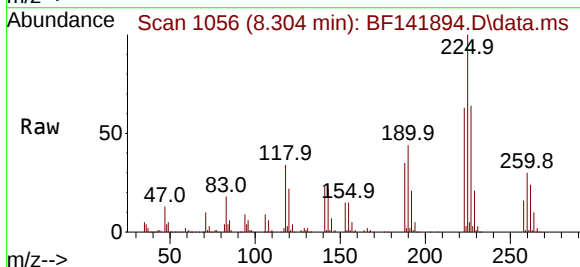
Instrument :
BNA_F
ClientSampleId :
ENV-101-SB01MSD

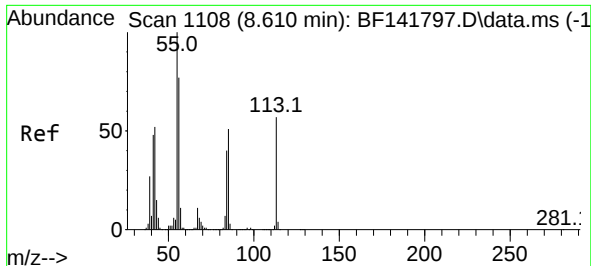
Tgt Ion:	127	Resp:	110589
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.1	39.1
65	30.1	25.7	38.5
92	19.4	16.1	24.1



#34
Hexachlorobutadiene
Concen: 42.280 ng
RT: 8.304 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

Tgt Ion:	225	Resp:	209578
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.4	77.2
227	64.3	51.6	77.4

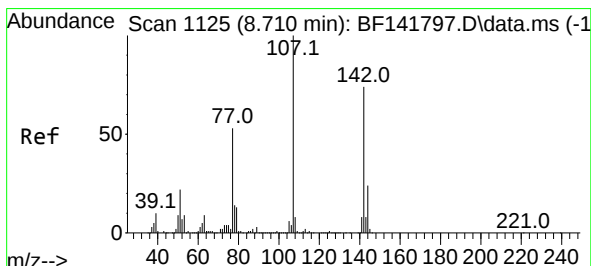
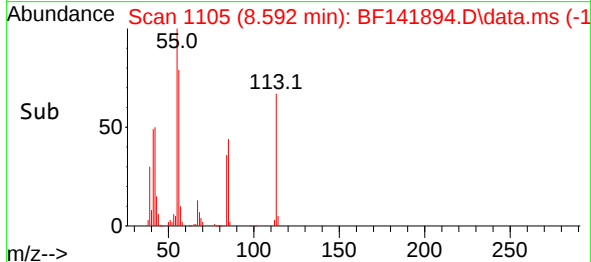
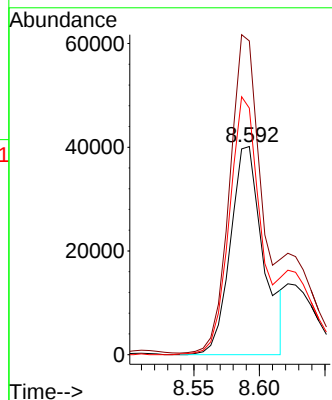
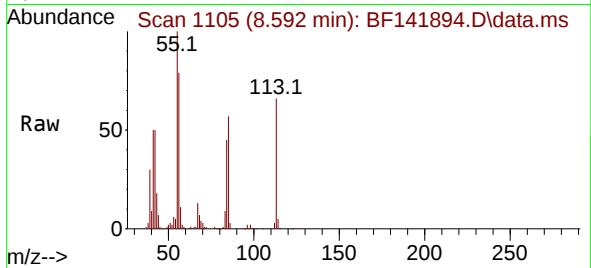




#35
 Caprolactam
 Concen: 31.239 ng
 RT: 8.592 min Scan# 1105
 Delta R.T. -0.018 min
 Lab File: BF141894.D
 Acq: 07 Mar 2025 18:59

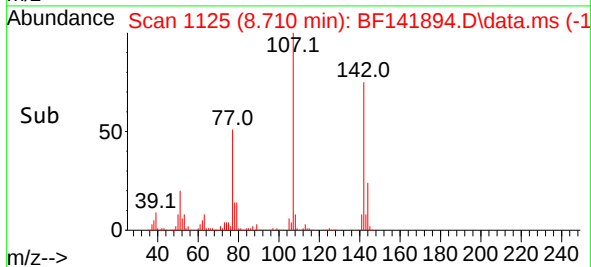
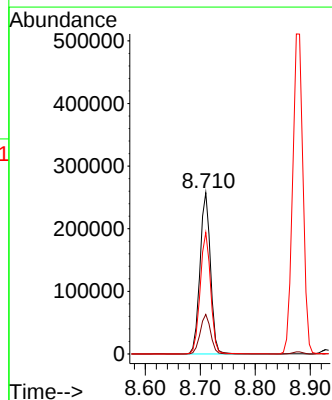
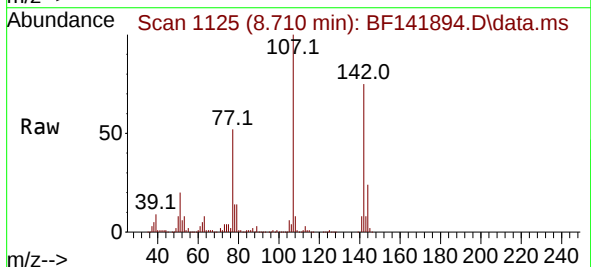
Instrument :
 BNA_F
 ClientSampleId :
 ENV-101-SB01MSD

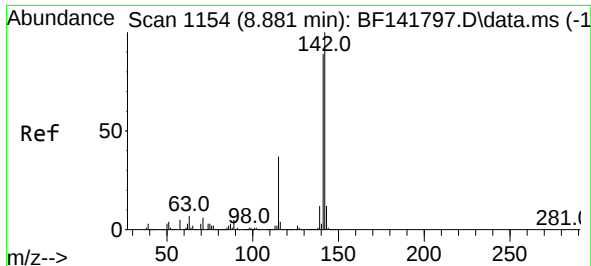
Tgt Ion:113 Resp: 69957
 Ion Ratio Lower Upper
 113 100
 55 150.7 155.6 195.6#
 56 118.4 114.6 154.6



#36
 4-Chloro-3-methylphenol
 Concen: 42.293 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. -0.000 min
 Lab File: BF141894.D
 Acq: 07 Mar 2025 18:59

Tgt Ion:107 Resp: 342009
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.4 29.0
 142 75.3 59.4 89.0

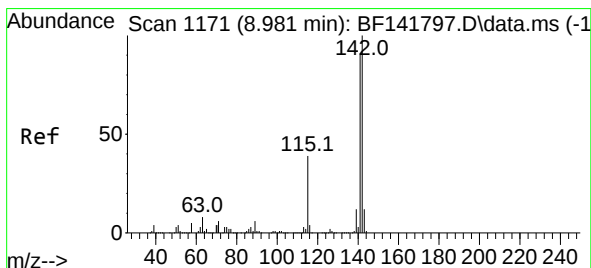
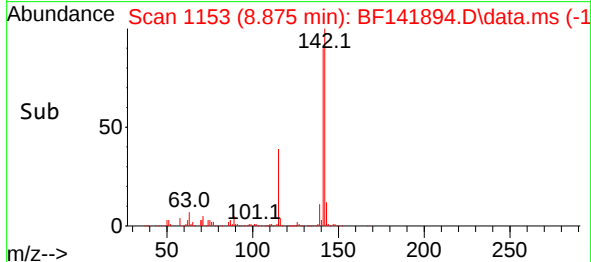
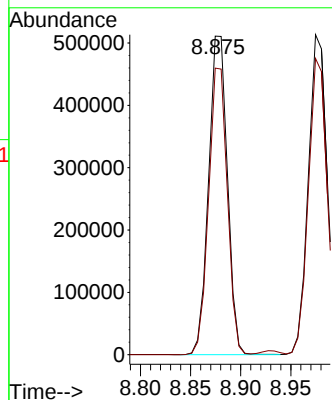
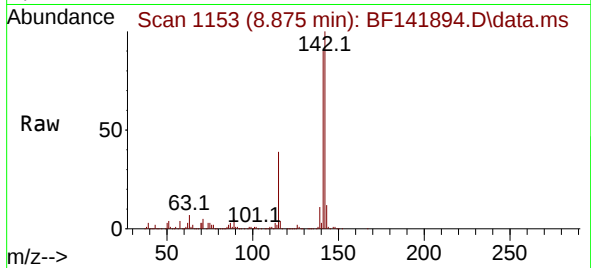




#37
2-Methylnaphthalene
Concen: 38.846 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

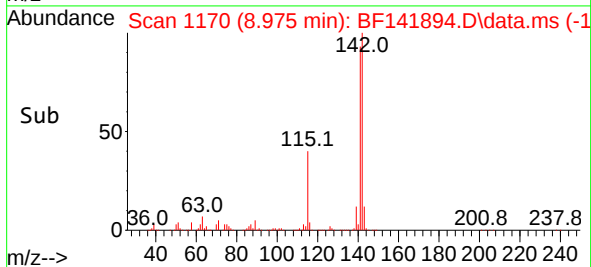
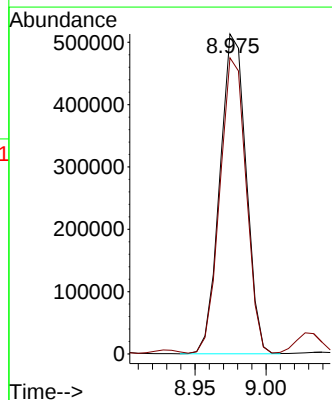
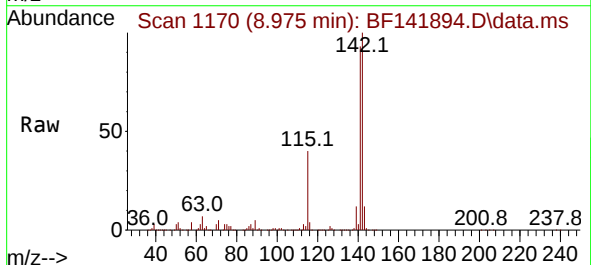
Instrument :
BNA_F
ClientSampleId :
ENV-101-SB01MSD

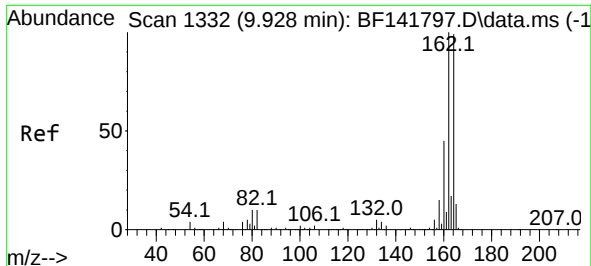
Tgt Ion:142 Resp: 668844
Ion Ratio Lower Upper
142 100
141 90.0 71.1 106.7



#38
1-Methylnaphthalene
Concen: 39.910 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

Tgt Ion:142 Resp: 659348
Ion Ratio Lower Upper
142 100
141 92.6 73.1 109.7

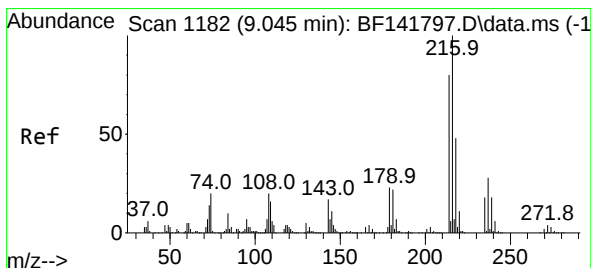
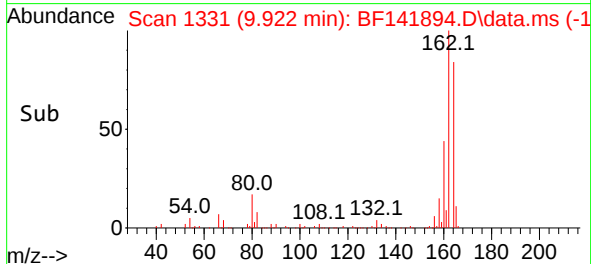
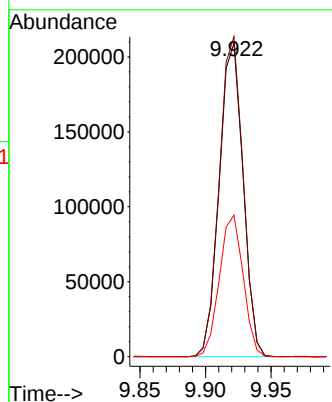
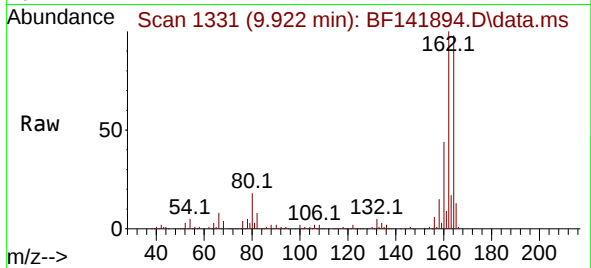




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1131
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

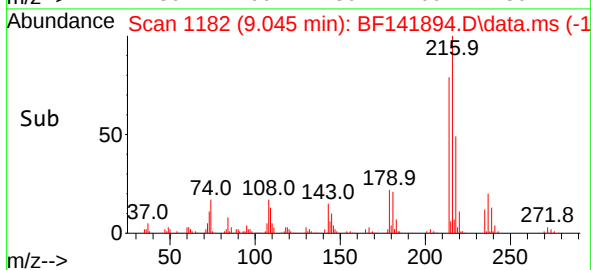
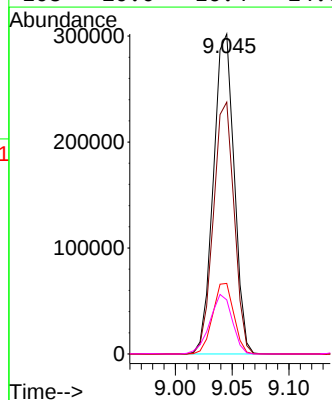
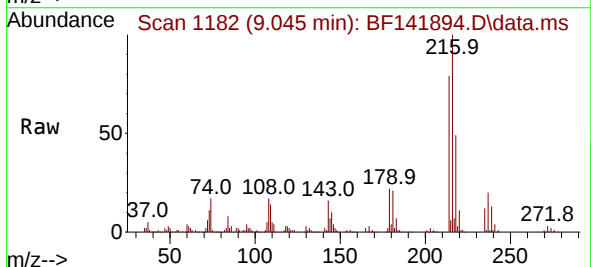
Instrument :
BNA_F
ClientSampleId :
ENV-101-SB01MSD

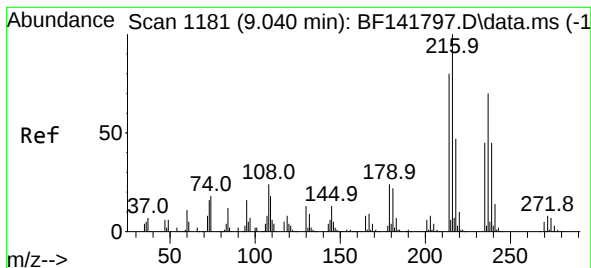
Tgt Ion:164 Resp: 263683
Ion Ratio Lower Upper
164 100
162 102.1 80.6 120.8
160 45.1 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.489 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

Tgt Ion:216 Resp: 384500
Ion Ratio Lower Upper
216 100
214 78.6 63.5 95.3
179 22.4 18.1 27.1
108 20.0 16.4 24.6





#41

Hexachlorocyclopentadiene

Concen: 111.510 ng

RT: 9.033 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF141894.D

Acq: 07 Mar 2025 18:59

Instrument :

BNA_F

ClientSampleId :

ENV-101-SB01MSD

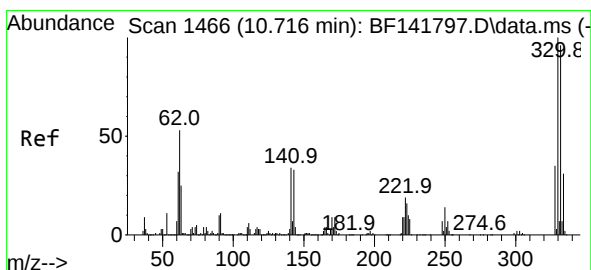
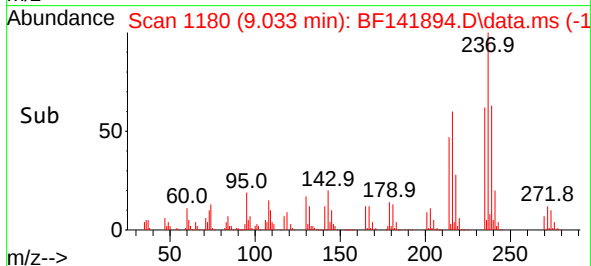
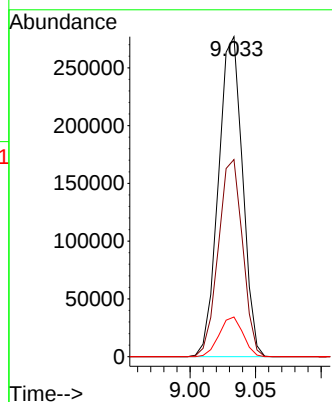
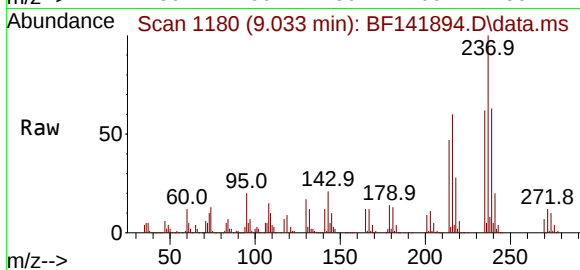
Tgt Ion:237 Resp: 354394

Ion Ratio Lower Upper

237 100

235 61.6 43.3 83.3

272 12.4 0.0 31.9



#42

2,4,6-Tribromophenol

Concen: 174.746 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF141894.D

Acq: 07 Mar 2025 18:59

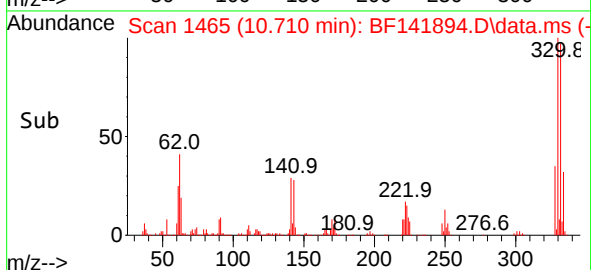
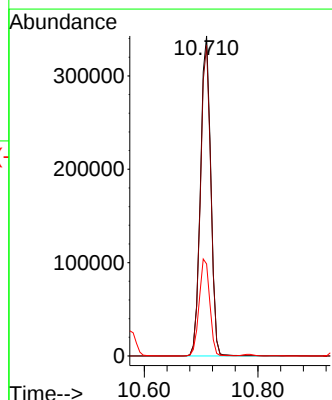
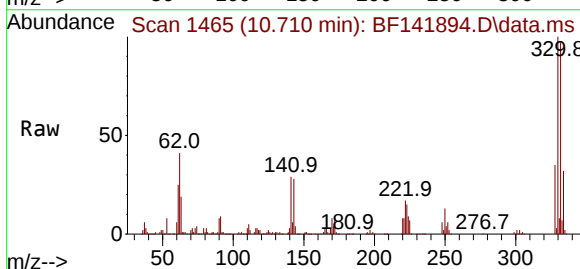
Tgt Ion:330 Resp: 432585

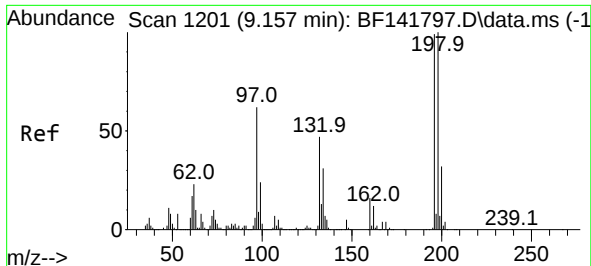
Ion Ratio Lower Upper

330 100

332 97.2 76.6 115.0

141 31.4 29.0 43.4





#43

2,4,6-Trichlorophenol

Concen: 46.600 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141894.D

Acq: 07 Mar 2025 18:59

Instrument :

BNA_F

ClientSampleId :

ENV-101-SB01MSD

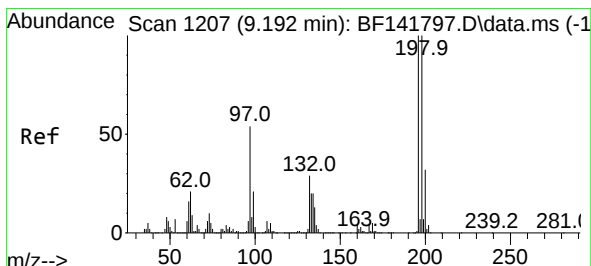
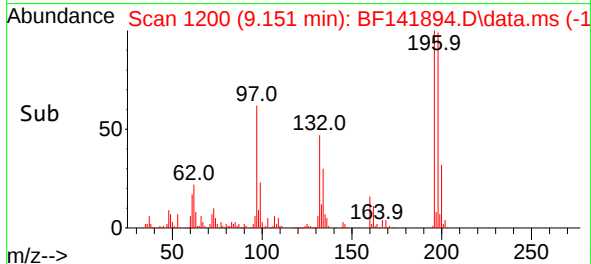
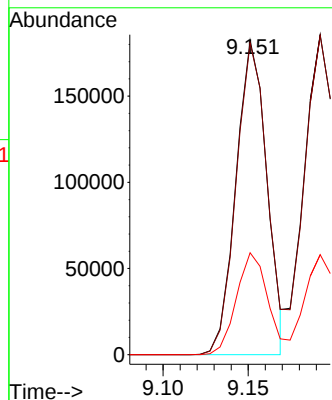
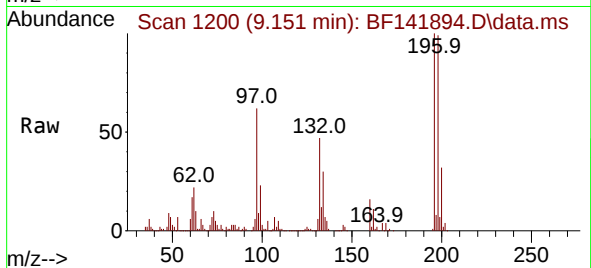
Tgt Ion:196 Resp: 229240

Ion Ratio Lower Upper

196 100

198 99.1 80.4 120.6

200 32.4 25.7 38.5



#44

2,4,5-Trichlorophenol

Concen: 50.318 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BF141894.D

Acq: 07 Mar 2025 18:59

Tgt Ion:196 Resp: 245109

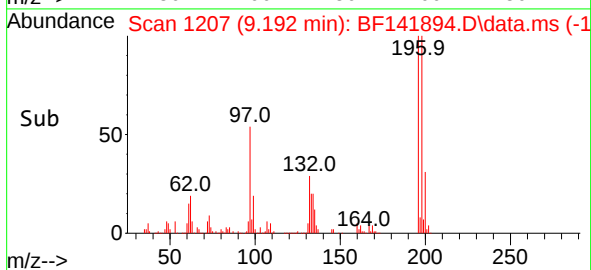
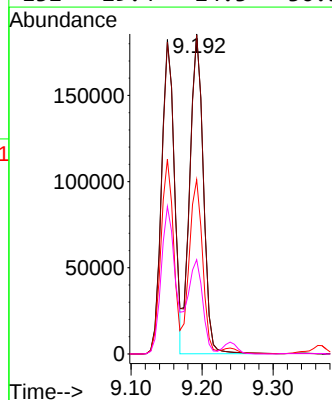
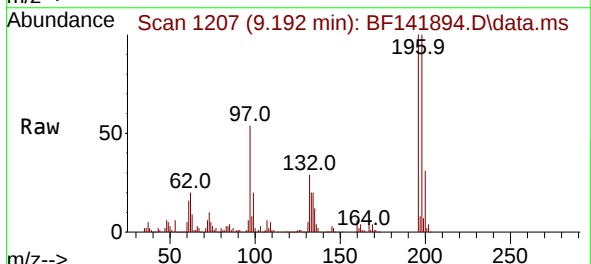
Ion Ratio Lower Upper

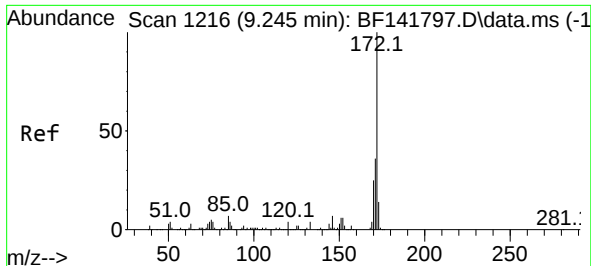
196 100

198 99.7 79.7 119.5

97 54.5 44.2 66.2

132 29.4 24.3 36.5

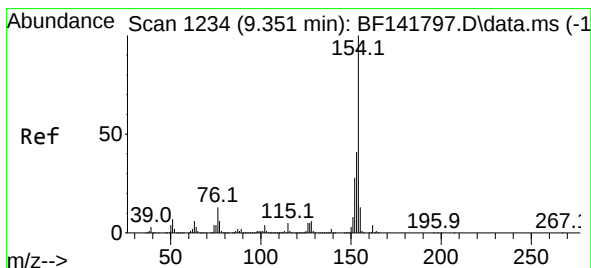
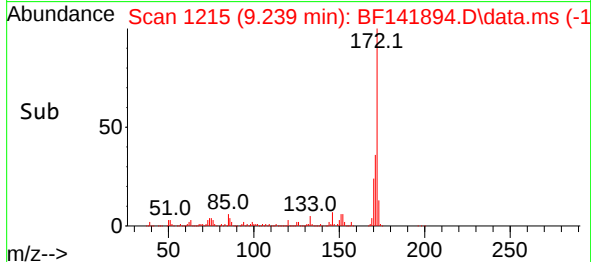
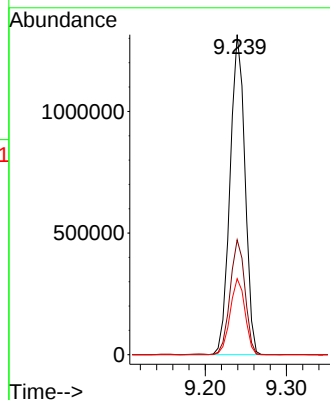
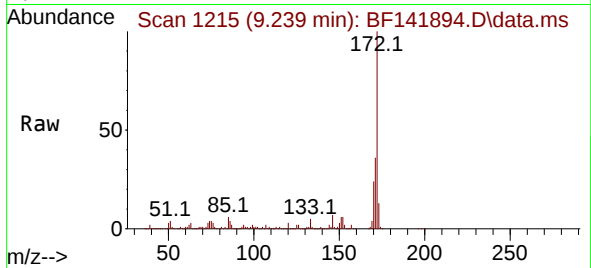




#45
2-Fluorobiphenyl
Concen: 102.015 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

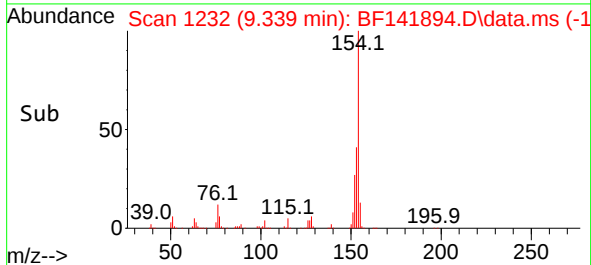
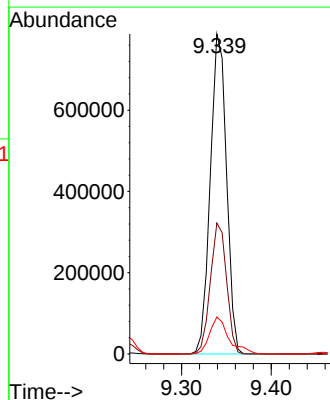
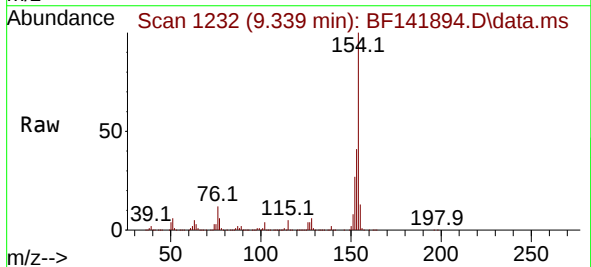
Instrument :
BNA_F
ClientSampleId :
ENV-101-SB01MSD

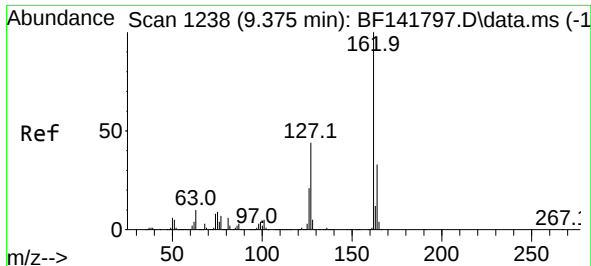
Tgt Ion:172 Resp: 1677614
Ion Ratio Lower Upper
172 100
171 35.9 29.2 43.8
170 23.8 19.7 29.5



#46
1,1'-Biphenyl
Concen: 49.276 ng
RT: 9.339 min Scan# 1232
Delta R.T. -0.012 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

Tgt Ion:154 Resp: 988985
Ion Ratio Lower Upper
154 100
153 40.9 21.4 61.4
76 11.5 0.0 33.4

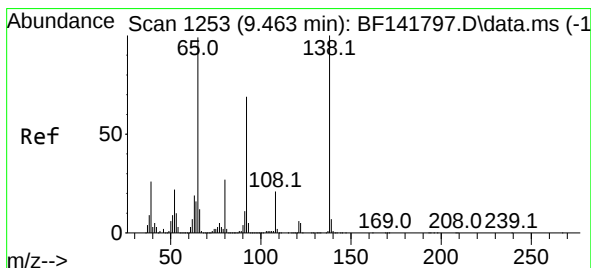
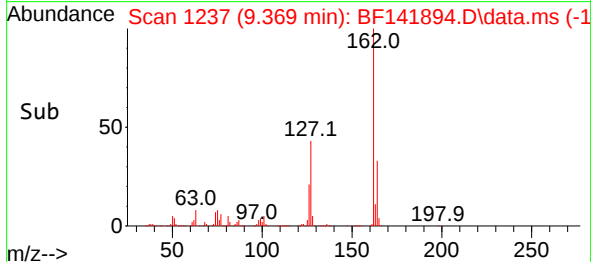
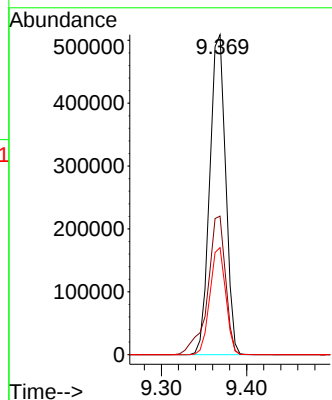
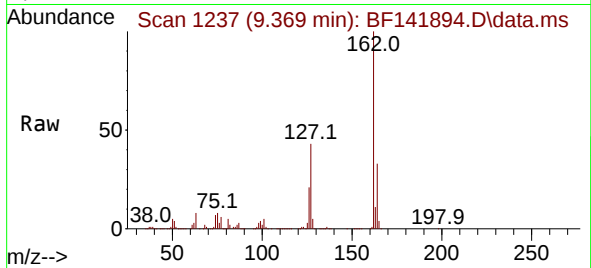




#47
2-Chloronaphthalene
Concen: 44.493 ng
RT: 9.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

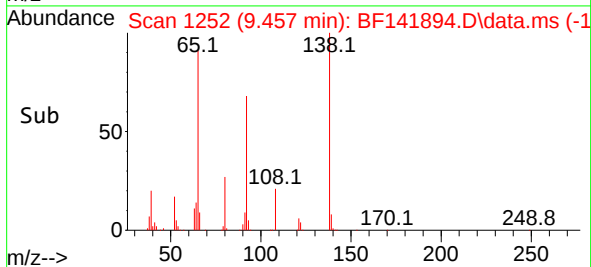
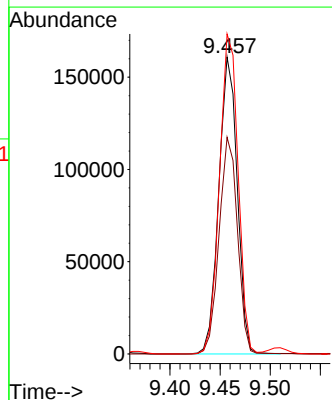
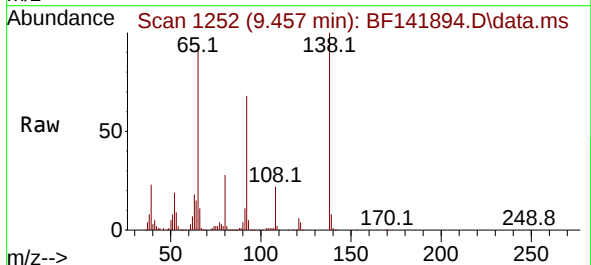
Instrument :
BNA_F
ClientSampleId :
ENV-101-SB01MSD

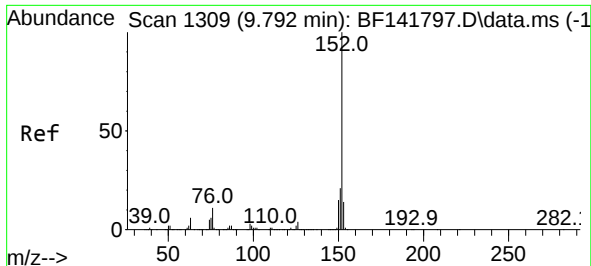
Tgt Ion:162 Resp: 659104
Ion Ratio Lower Upper
162 100
127 43.3 35.0 52.6
164 33.4 26.6 40.0



#48
2-Nitroaniline
Concen: 50.590 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

Tgt Ion: 65 Resp: 206180
Ion Ratio Lower Upper
65 100
92 72.9 55.7 83.5
138 107.8 80.6 121.0

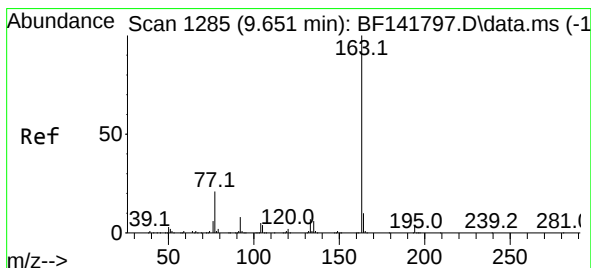
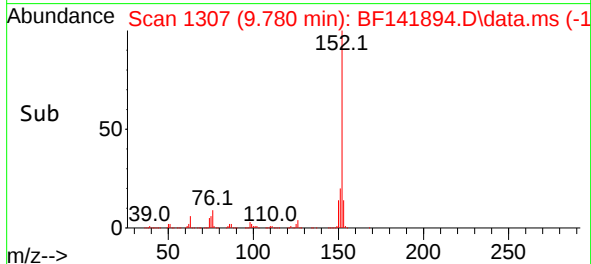
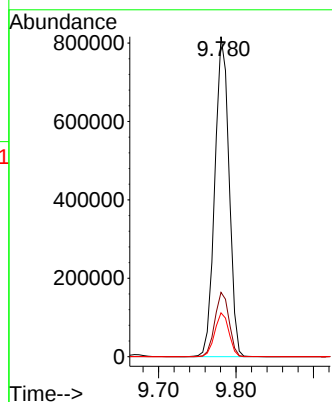
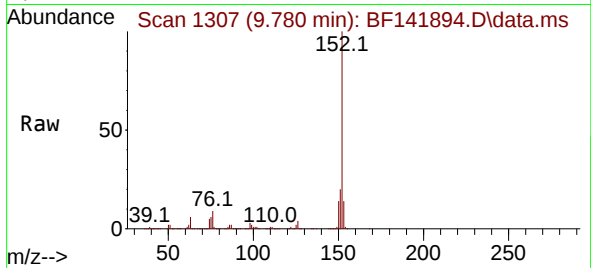




#49
Acenaphthylene
Concen: 46.864 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

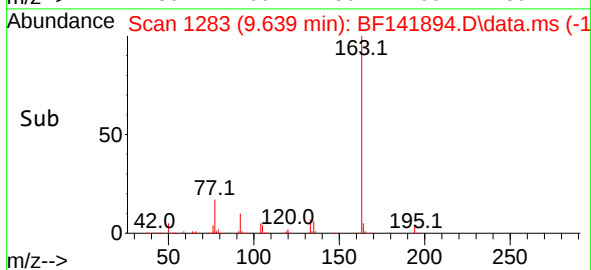
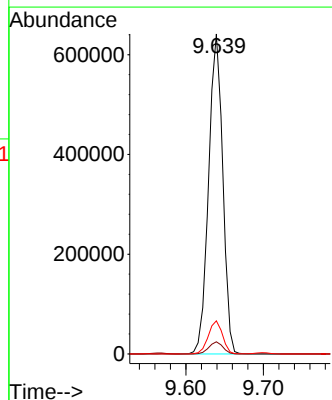
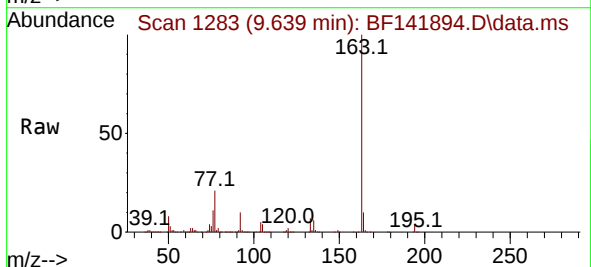
Instrument :
BNA_F
ClientSampleId :
ENV-101-SB01MSD

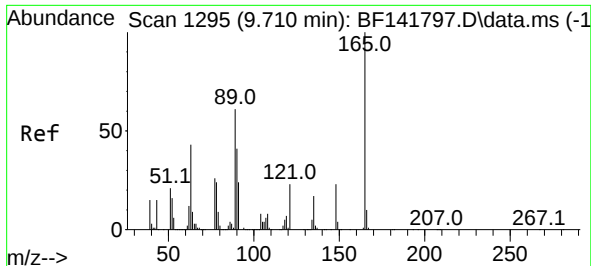
Tgt Ion:152 Resp: 1040851
Ion Ratio Lower Upper
152 100
151 20.1 16.6 24.8
153 13.7 11.2 16.8



#50
Dimethylphthalate
Concen: 46.025 ng
RT: 9.639 min Scan# 1283
Delta R.T. -0.012 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

Tgt Ion:163 Resp: 812721
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.3 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 51.654 ng

RT: 9.698 min Scan# 1293

Delta R.T. -0.012 min

Lab File: BF141894.D

Acq: 07 Mar 2025 18:59

Instrument :

BNA_F

ClientSampleId :

ENV-101-SB01MSD

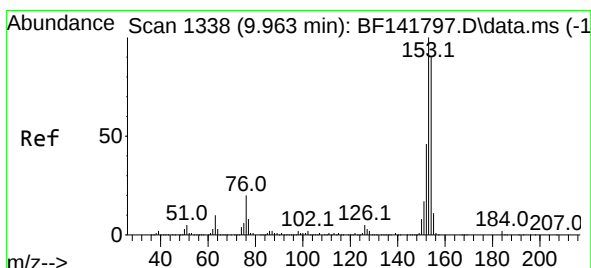
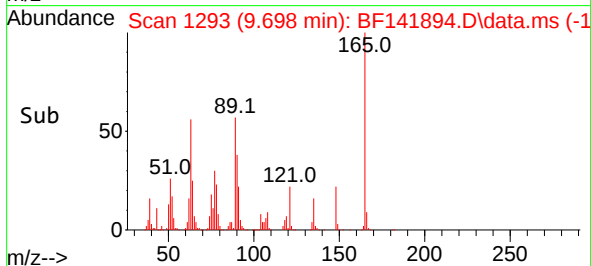
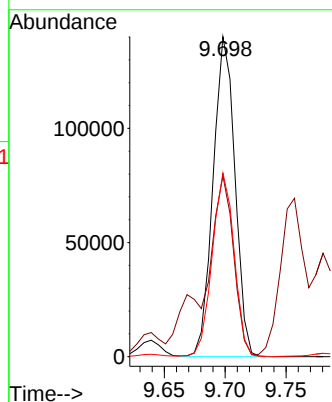
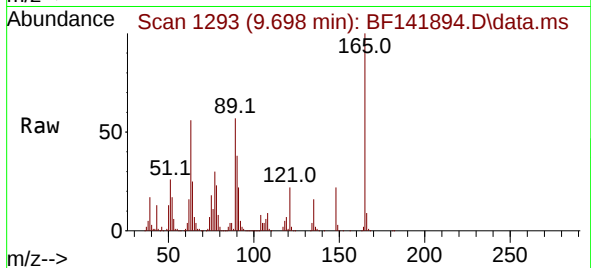
Tgt Ion:165 Resp: 175263

Ion Ratio Lower Upper

165 100

63 56.5 49.5 74.3

89 57.4 49.0 73.4



#52

Acenaphthene

Concen: 48.198 ng

RT: 9.951 min Scan# 1336

Delta R.T. -0.012 min

Lab File: BF141894.D

Acq: 07 Mar 2025 18:59

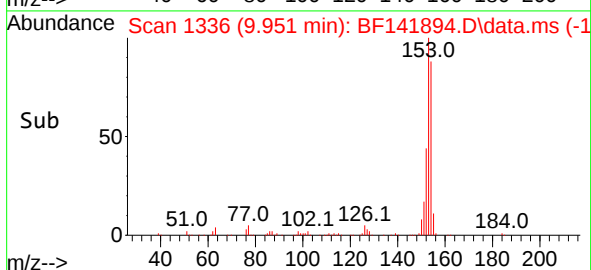
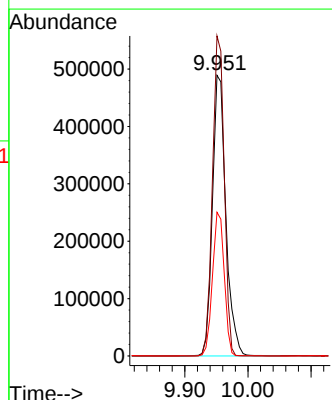
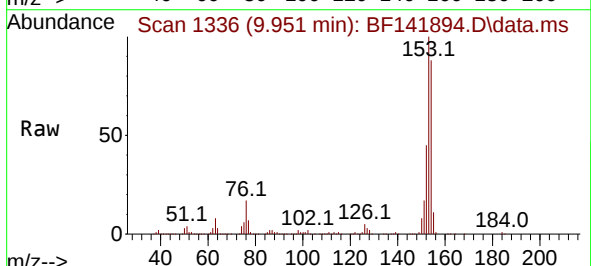
Tgt Ion:154 Resp: 722307

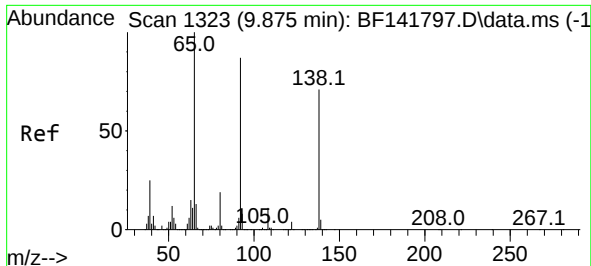
Ion Ratio Lower Upper

154 100

153 114.0 88.7 133.1

152 51.2 40.9 61.3

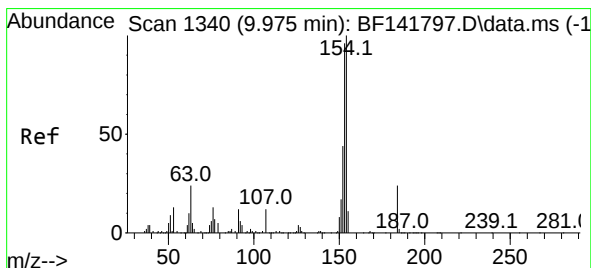
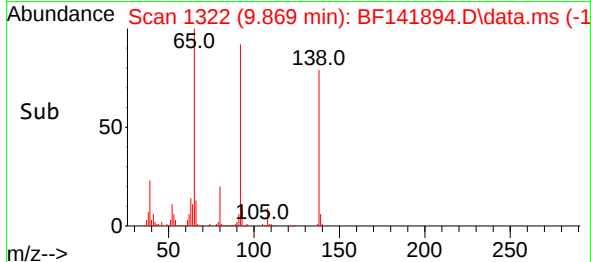
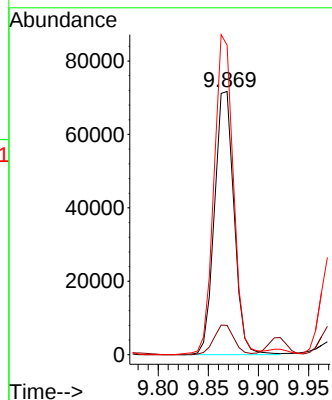
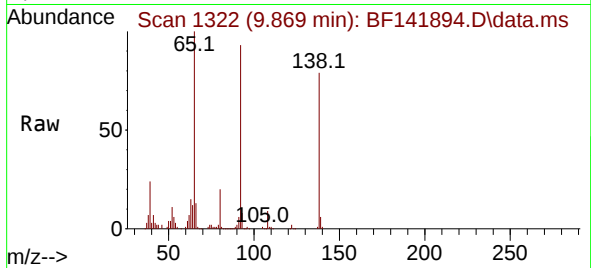




#53
3-Nitroaniline
Concen: 28.372 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

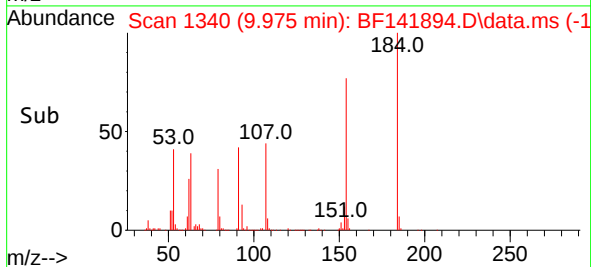
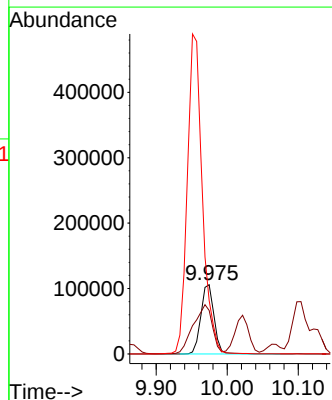
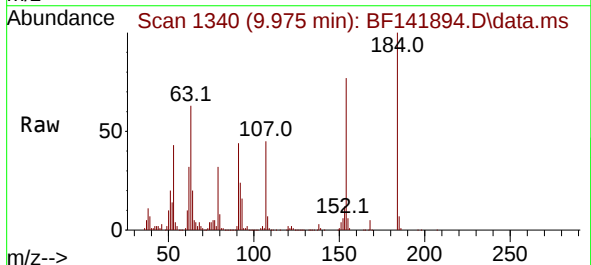
Instrument :
BNA_F
ClientSampleId :
ENV-101-SB01MSD

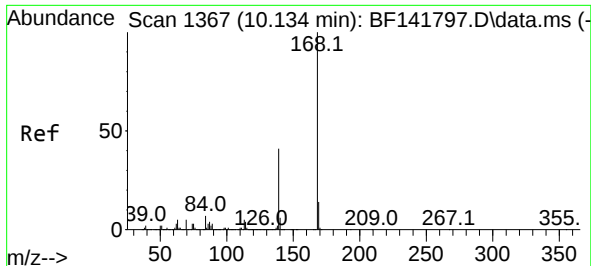
Tgt Ion:138 Resp: 97436
Ion Ratio Lower Upper
138 100
108 11.1 12.7 19.1#
92 117.7 97.9 146.9



#54
2,4-Dinitrophenol
Concen: 86.130 ng
RT: 9.975 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

Tgt Ion:184 Resp: 137236
Ion Ratio Lower Upper
184 100
63 62.8 79.0 118.6#
154 77.2 335.8 503.8#

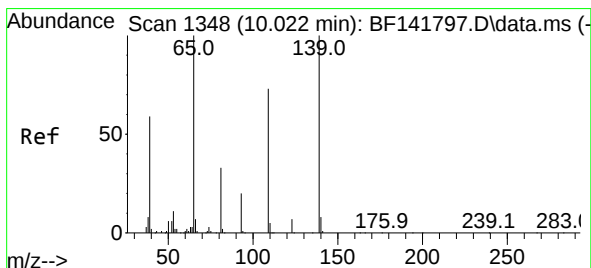
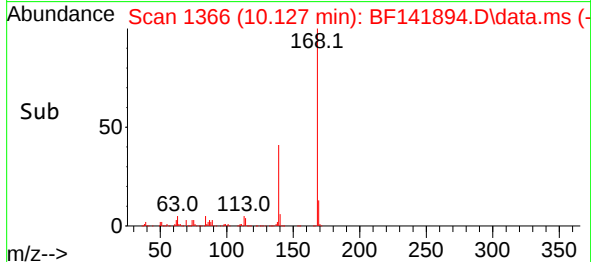
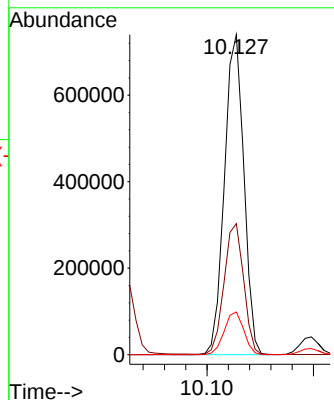
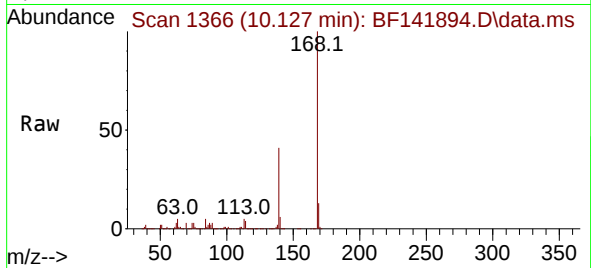




#55
Dibenzenofuran
Concen: 42.813 ng
RT: 10.127 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

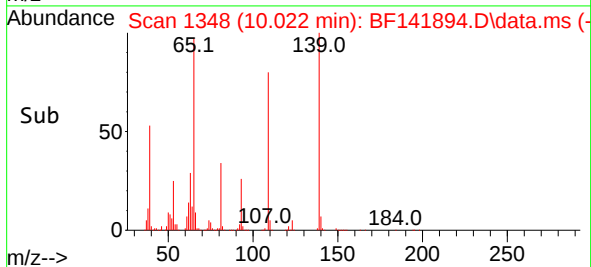
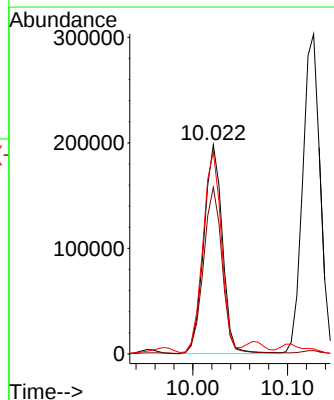
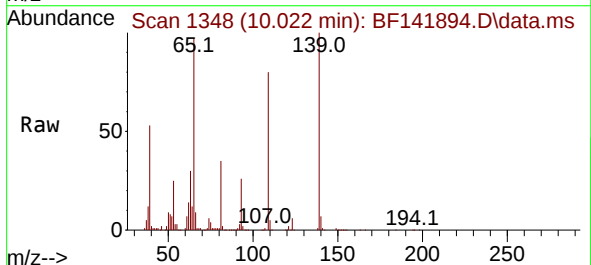
Instrument :
BNA_F
ClientSampleId :
ENV-101-SB01MSD

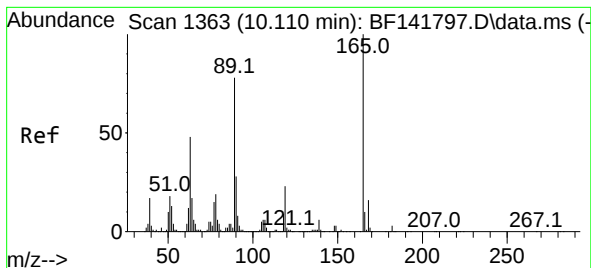
Tgt Ion:168 Resp: 933866
Ion Ratio Lower Upper
168 100
139 41.0 32.9 49.3
169 13.3 11.1 16.7



#56
4-Nitrophenol
Concen: 103.815 ng
RT: 10.022 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

Tgt Ion:139 Resp: 270754
Ion Ratio Lower Upper
139 100
109 79.7 53.4 93.4
65 96.8 82.1 122.1

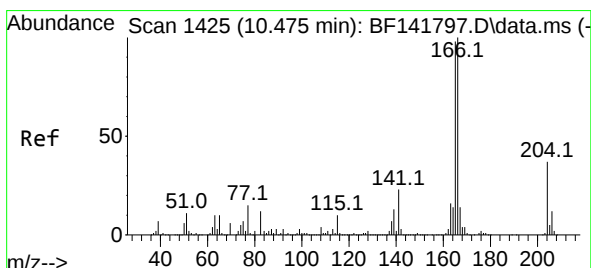
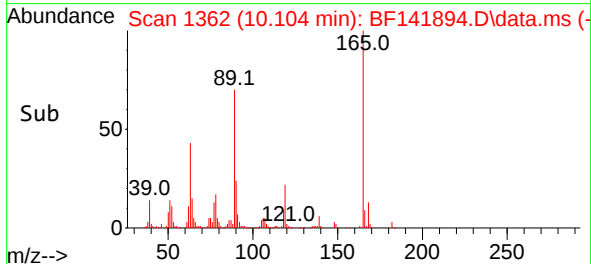
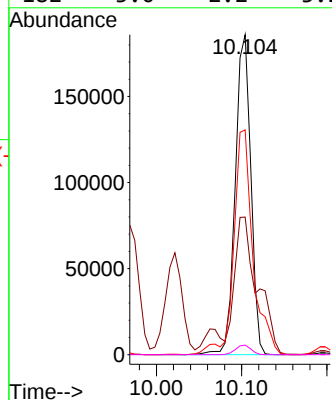
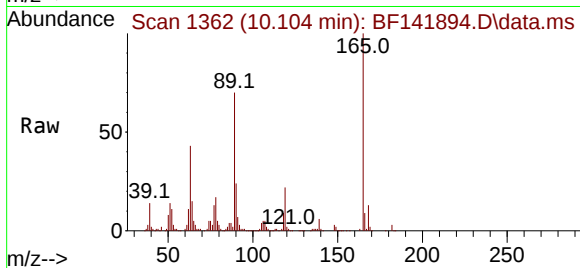




#57
2,4-Dinitrotoluene
Concen: 56.481 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

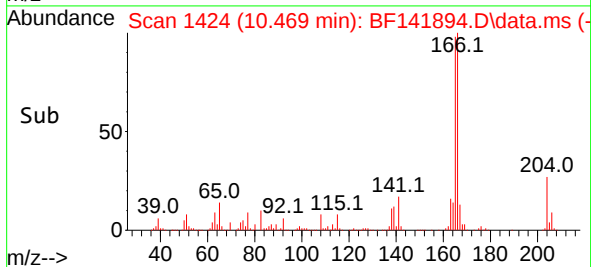
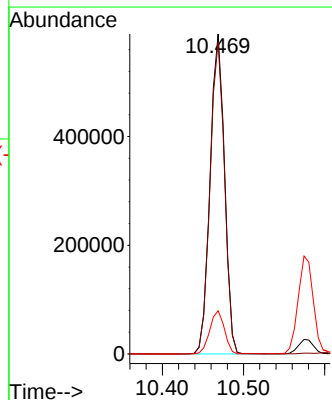
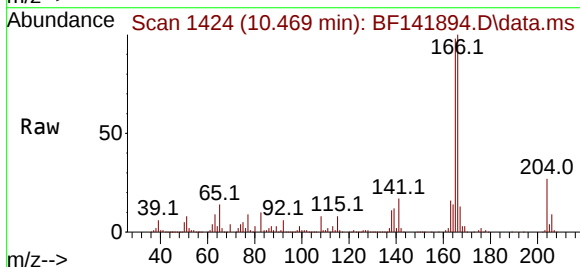
Instrument :
BNA_F
ClientSampleId :
ENV-101-SB01MSD

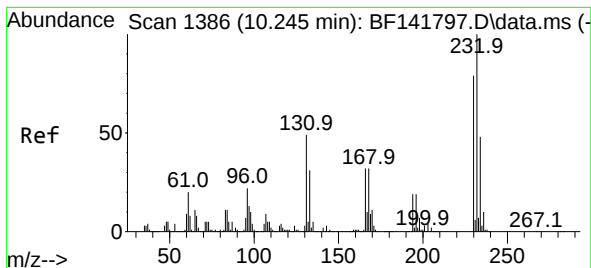
Tgt Ion:165 Resp: 235820
Ion Ratio Lower Upper
165 100
63 43.0 38.8 58.2
89 70.2 62.6 94.0
182 3.0 2.2 3.2



#58
Fluorene
Concen: 44.469 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

Tgt Ion:166 Resp: 726575
Ion Ratio Lower Upper
166 100
165 97.5 78.6 117.8
167 13.5 11.0 16.4

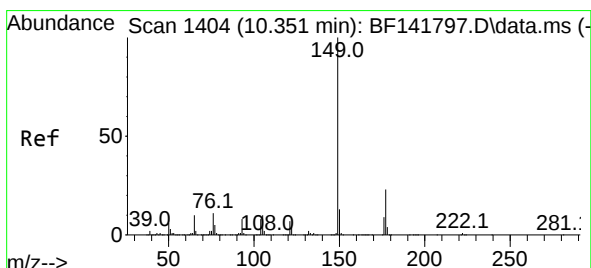
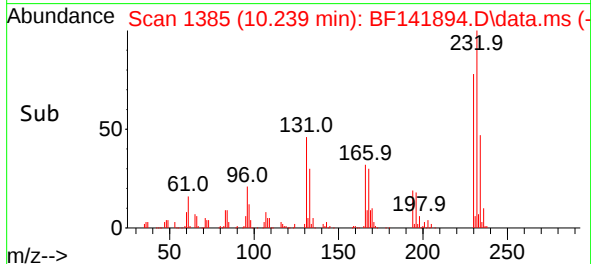
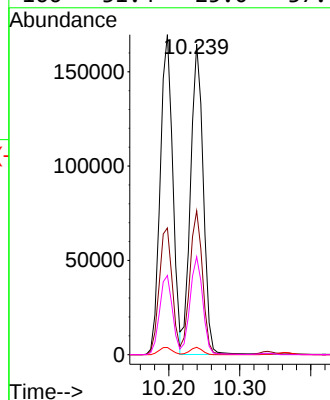
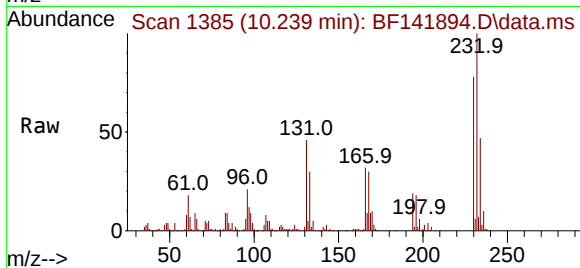




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.200 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

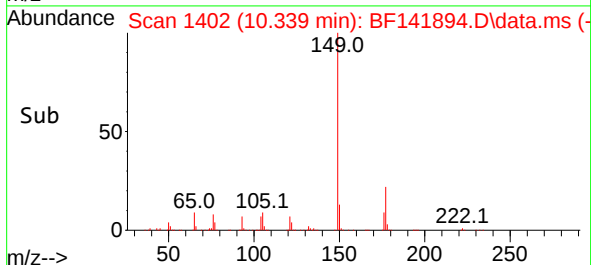
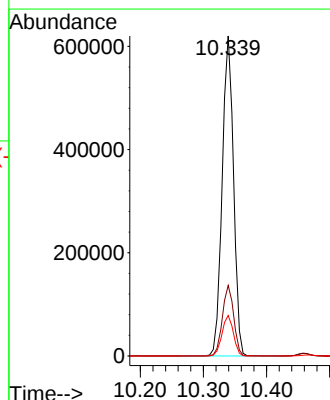
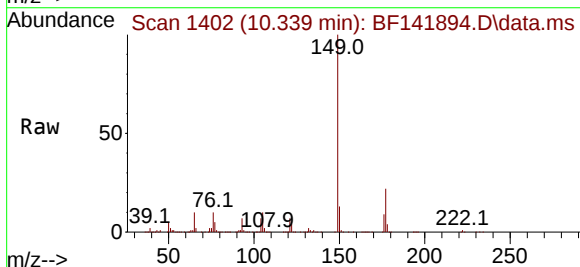
Instrument :
BNA_F
ClientSampleId :
ENV-101-SB01MSD

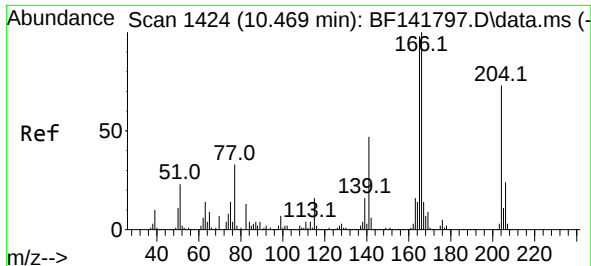
Tgt Ion:232 Resp: 204200
Ion Ratio Lower Upper
232 100
131 46.4 37.8 56.8
130 2.3 2.0 3.0
166 31.4 25.0 37.4



#60
Diethylphthalate
Concen: 43.812 ng
RT: 10.339 min Scan# 1402
Delta R.T. -0.012 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

Tgt Ion:149 Resp: 775577
Ion Ratio Lower Upper
149 100
177 22.1 18.3 27.5
150 12.7 10.3 15.5

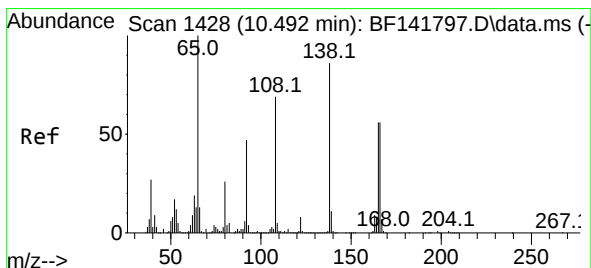
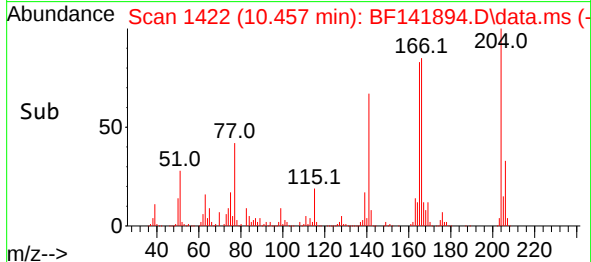
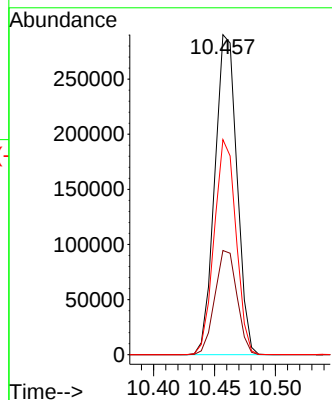
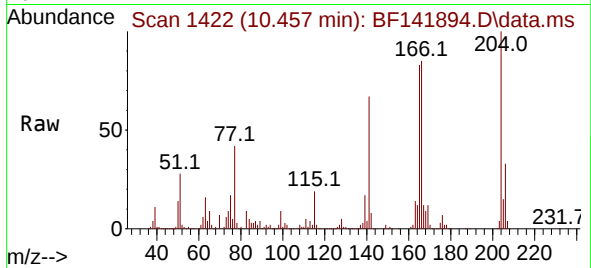




#61
4-Chlorophenyl-phenylether
Concen: 44.949 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

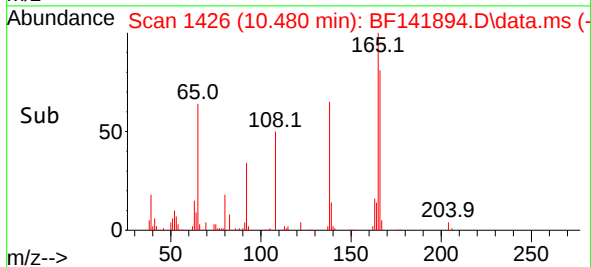
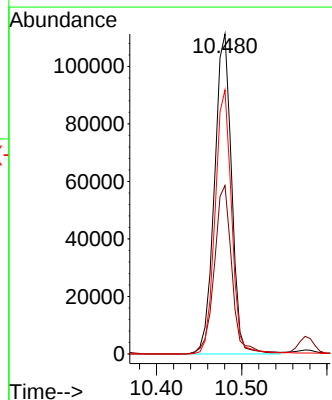
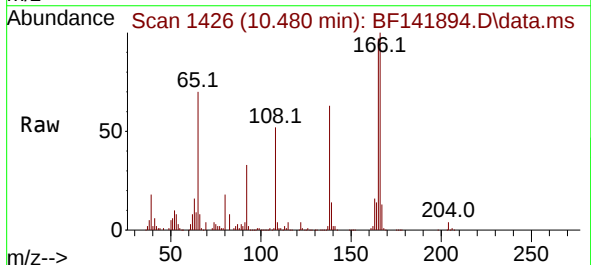
Instrument :
BNA_F
ClientSampleId :
ENV-101-SB01MSD

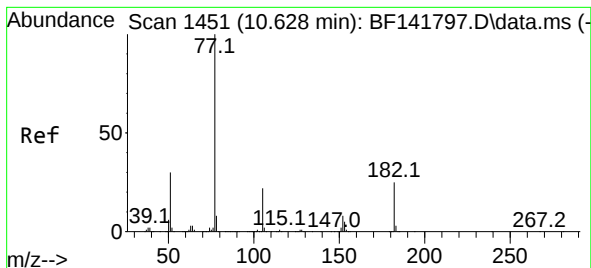
Tgt Ion:204 Resp: 367966
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.4
141 67.2 51.7 77.5



#62
4-Nitroaniline
Concen: 51.746 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

Tgt Ion:138 Resp: 156047
Ion Ratio Lower Upper
138 100
92 52.7 34.9 74.9
108 82.5 59.6 99.6





#63

Azobenzene

Concen: 37.853 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF141894.D

Acq: 07 Mar 2025 18:59

Instrument :

BNA_F

ClientSampleId :

ENV-101-SB01MSD

Tgt Ion: 77 Resp: 705547

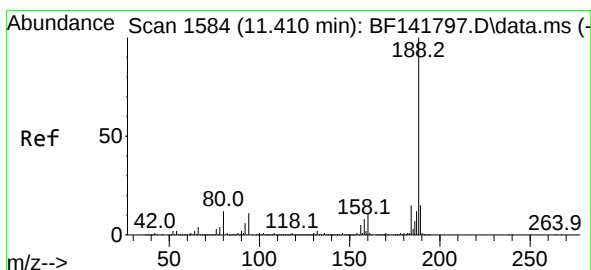
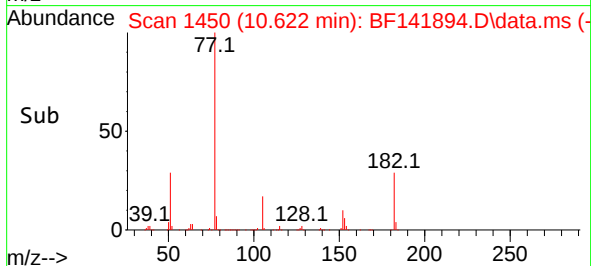
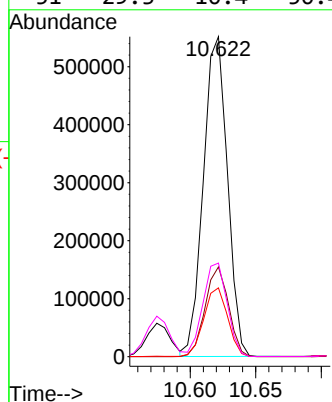
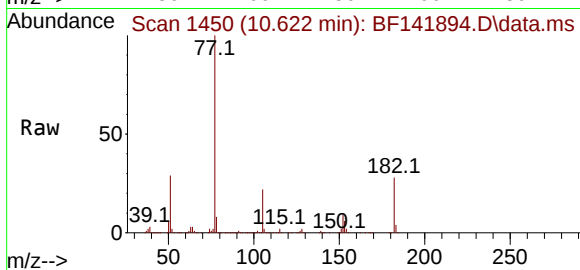
Ion Ratio Lower Upper

77 100

182 28.0 4.2 44.2

105 21.5 1.5 41.5

51 29.3 10.4 50.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF141894.D

Acq: 07 Mar 2025 18:59

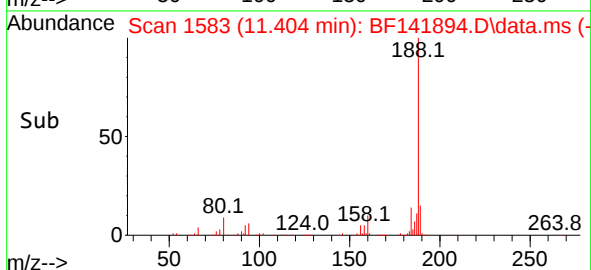
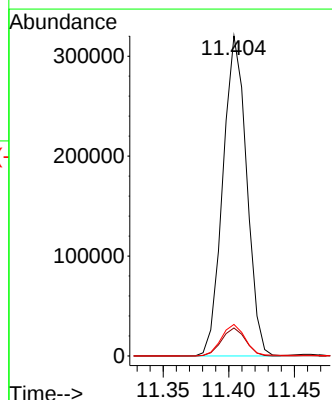
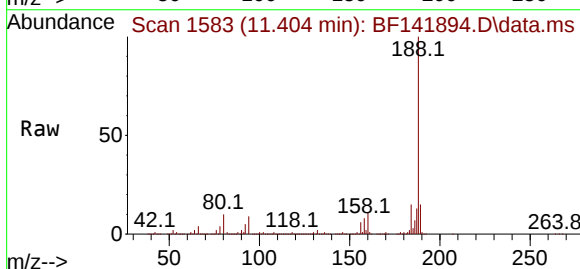
Tgt Ion: 188 Resp: 403770

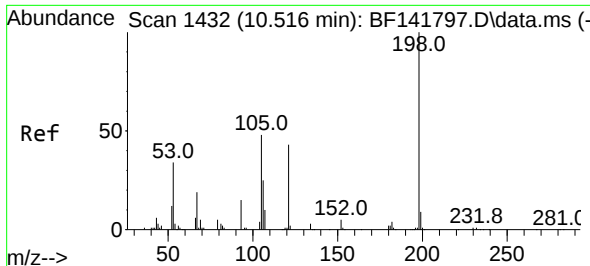
Ion Ratio Lower Upper

188 100

94 8.7 8.9 13.3#

80 9.9 9.7 14.5

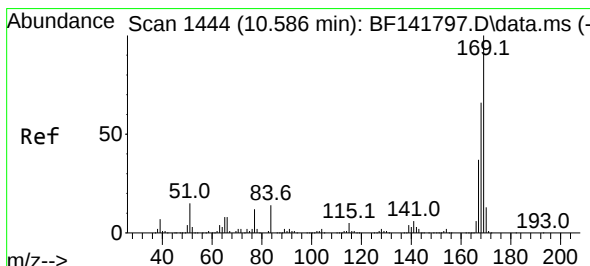
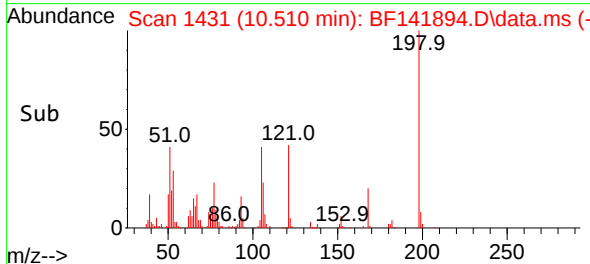
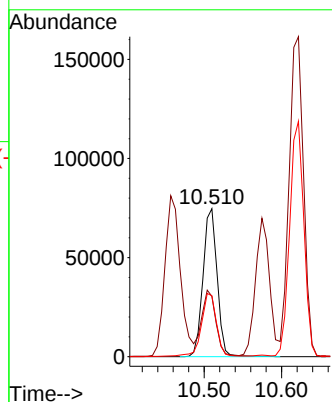
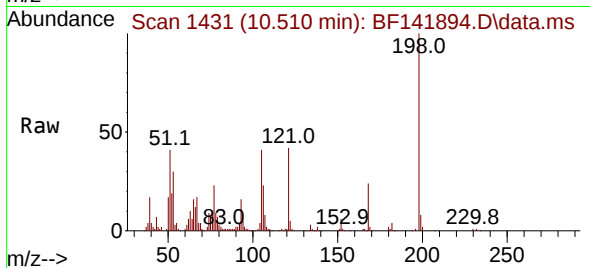




#65
4,6-Dinitro-2-methylphenol
Concen: 49.429 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

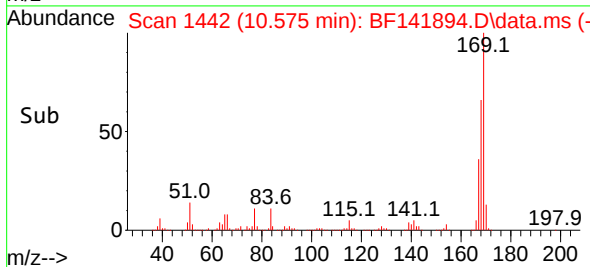
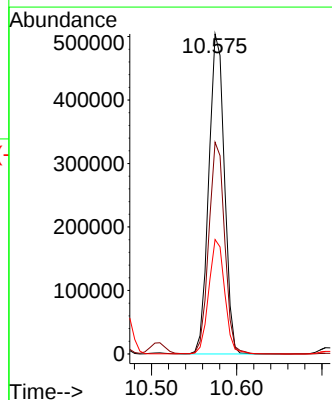
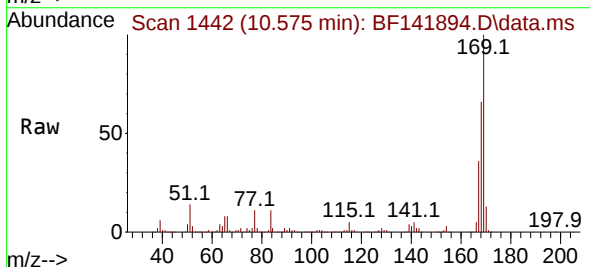
Instrument :
BNA_F
ClientSampleId :
ENV-101-SB01MSD

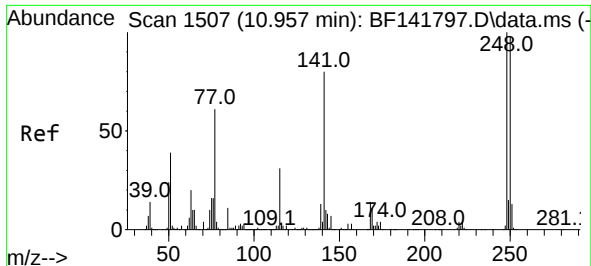
Tgt Ion:198 Resp: 94537
Ion Ratio Lower Upper
198 100
51 40.8 32.1 72.1
105 41.2 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 48.289 ng
RT: 10.575 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

Tgt Ion:169 Resp: 640239
Ion Ratio Lower Upper
169 100
168 66.2 53.0 79.6
167 35.8 29.3 43.9

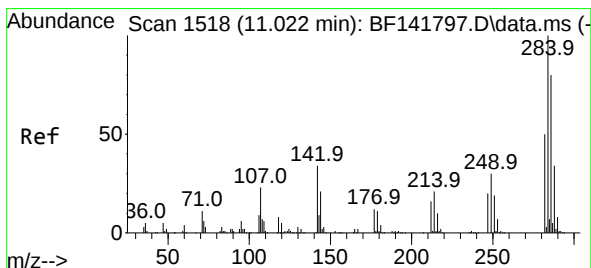
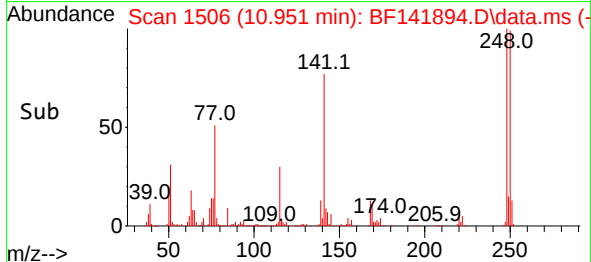
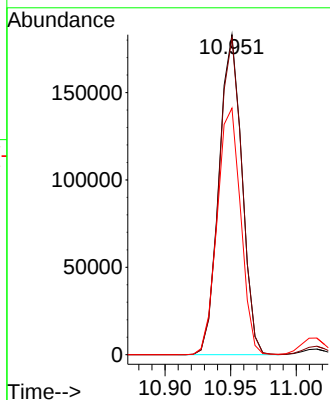
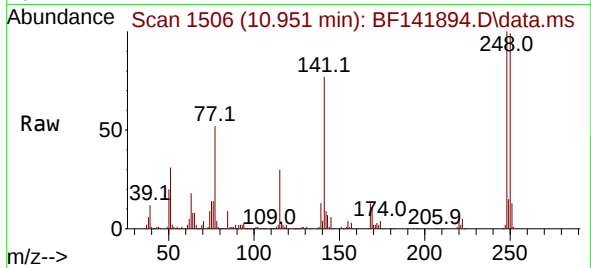




#67
4-Bromophenyl-phenylether
Concen: 47.191 ng
RT: 10.951 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

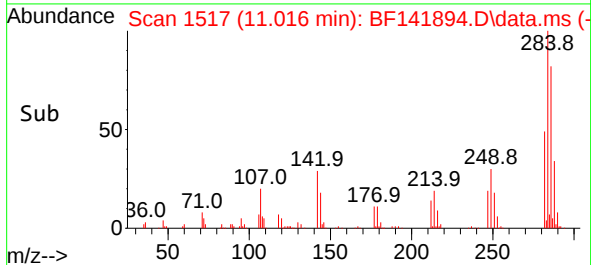
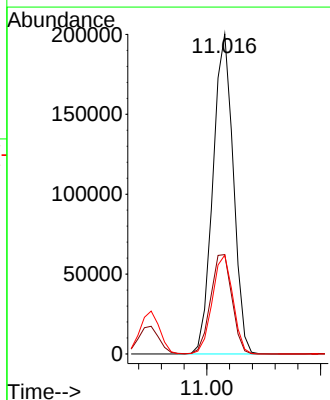
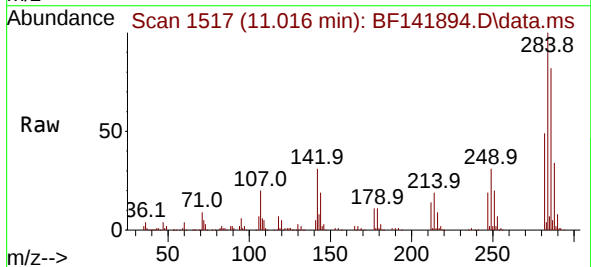
Instrument :
BNA_F
ClientSampleId :
ENV-101-SB01MSD

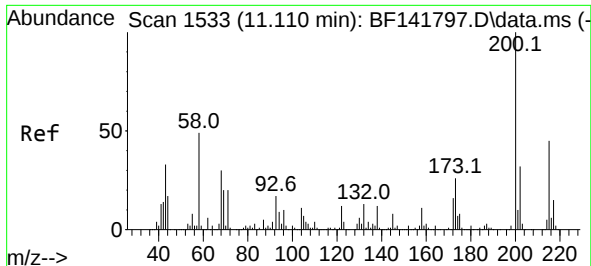
Tgt Ion:248 Resp: 222564
Ion Ratio Lower Upper
248 100
250 99.0 78.1 117.1
141 77.1 64.3 96.5



#68
Hexachlorobenzene
Concen: 49.968 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

Tgt Ion:284 Resp: 248851
Ion Ratio Lower Upper
284 100
142 31.1 28.2 42.2
249 30.9 25.5 38.3

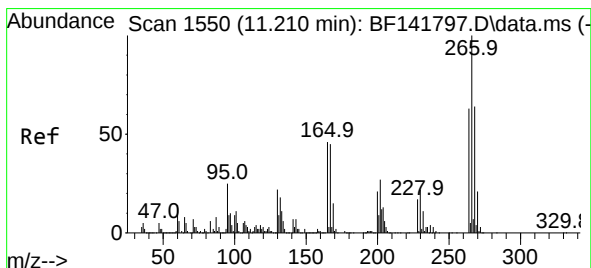
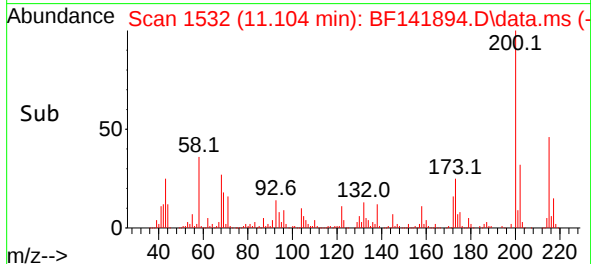
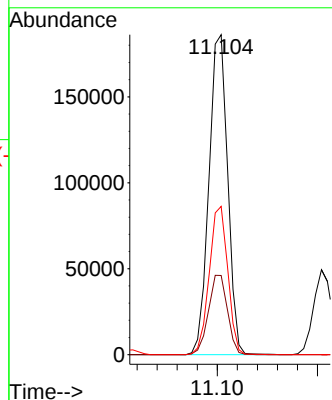
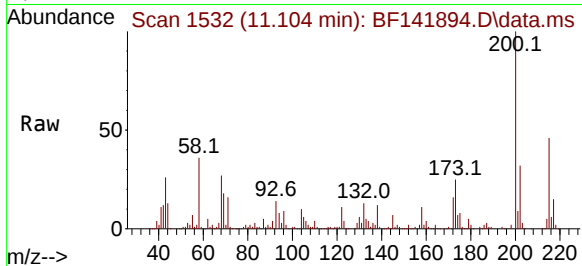




#69
 Atrazine
 Concen: 66.347 ng
 RT: 11.104 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF141894.D
 Acq: 07 Mar 2025 18:59

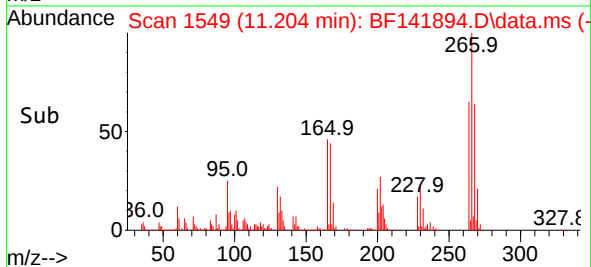
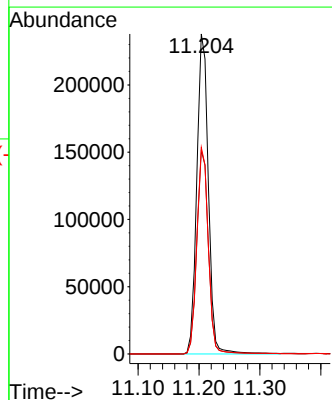
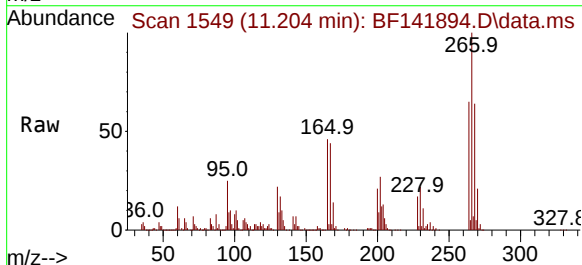
Instrument :
 BNA_F
 ClientSampleId :
 ENV-101-SB01MSD

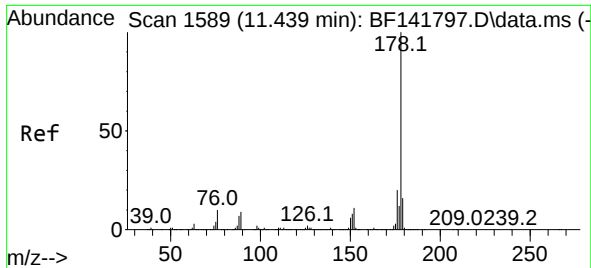
Tgt Ion:200 Resp: 241903
 Ion Ratio Lower Upper
 200 100
 173 24.8 5.6 45.6
 215 46.4 25.3 65.3



#70
 Pentachlorophenol
 Concen: 99.142 ng
 RT: 11.204 min Scan# 1549
 Delta R.T. -0.006 min
 Lab File: BF141894.D
 Acq: 07 Mar 2025 18:59

Tgt Ion:266 Resp: 313151
 Ion Ratio Lower Upper
 266 100
 268 63.7 50.9 76.3
 264 64.5 50.2 75.4

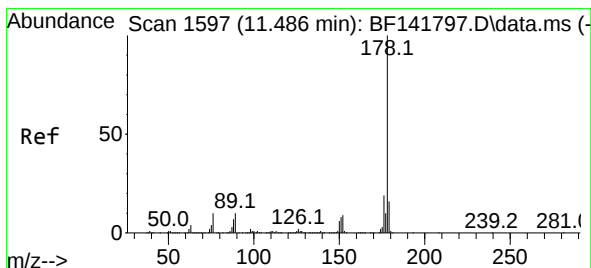
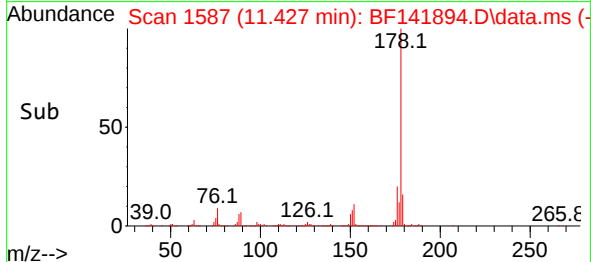
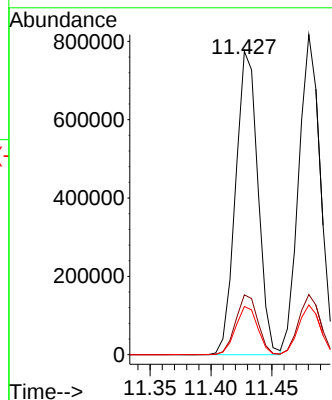
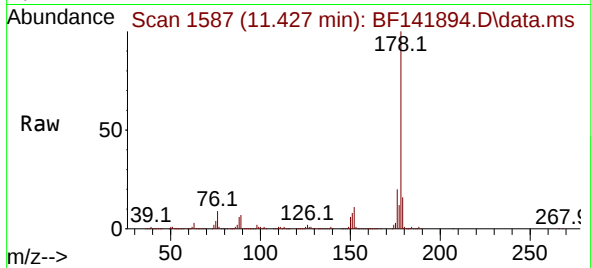




#71
Phenanthrene
Concen: 45.709 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

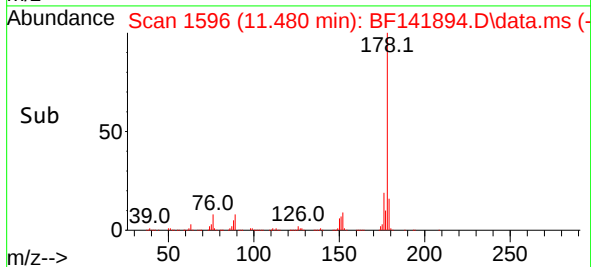
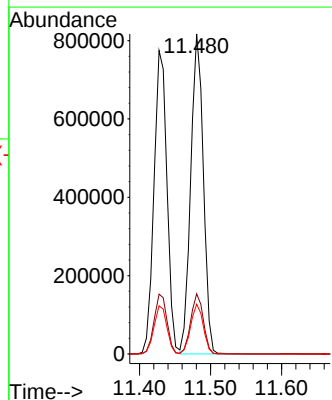
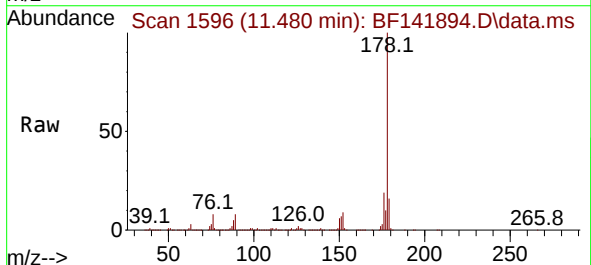
Instrument :
BNA_F
ClientSampleId :
ENV-101-SB01MSD

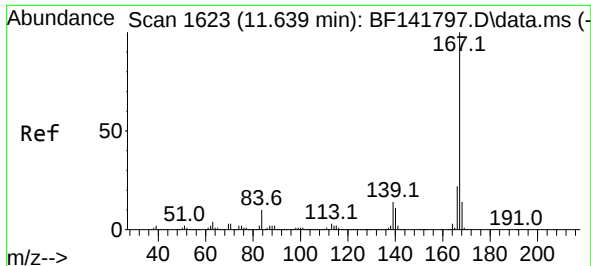
Tgt Ion:178 Resp: 987200
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 15.9 12.6 19.0



#72
Anthracene
Concen: 46.598 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

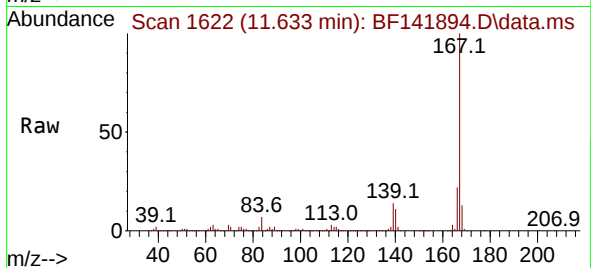
Tgt Ion:178 Resp: 1008649
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.6 12.8 19.2



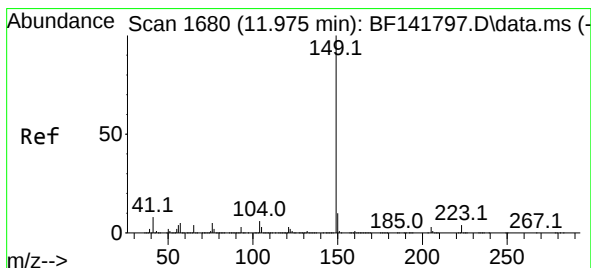
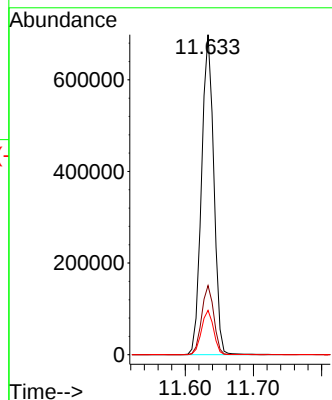
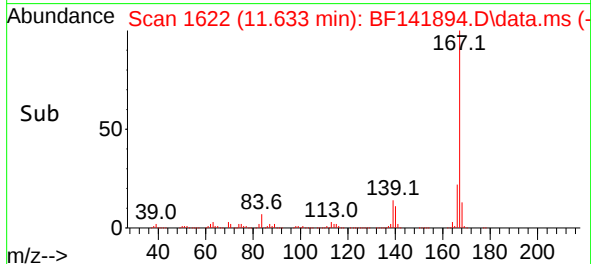


#73
 Carbazole
 Concen: 45.671 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF141894.D
 Acq: 07 Mar 2025 18:59

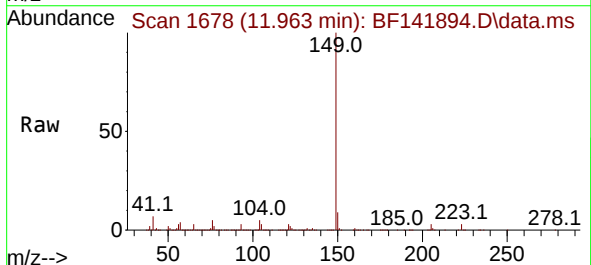
Instrument :
 BNA_F
 ClientSampleId :
 ENV-101-SB01MSD



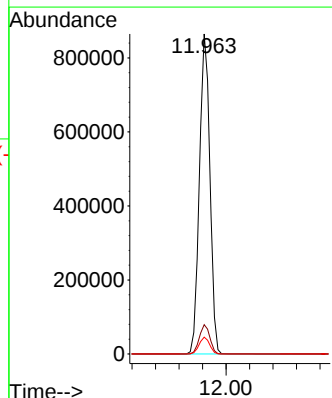
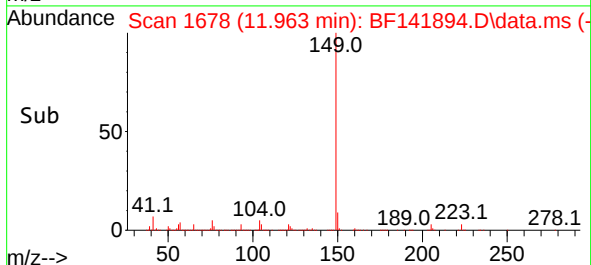
Tgt Ion:167 Resp: 873000
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.5 26.3
 139 13.8 11.3 16.9

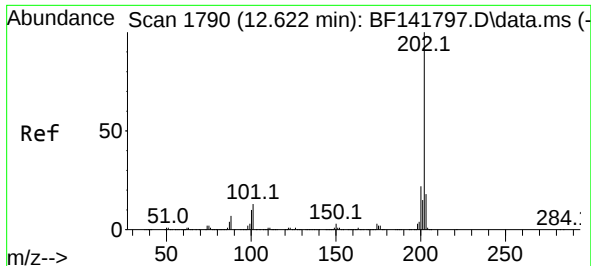


#74
 Di-n-butylphthalate
 Concen: 44.102 ng
 RT: 11.963 min Scan# 1678
 Delta R.T. -0.012 min
 Lab File: BF141894.D
 Acq: 07 Mar 2025 18:59



Tgt Ion:149 Resp: 1068561
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 5.2 4.4 6.6

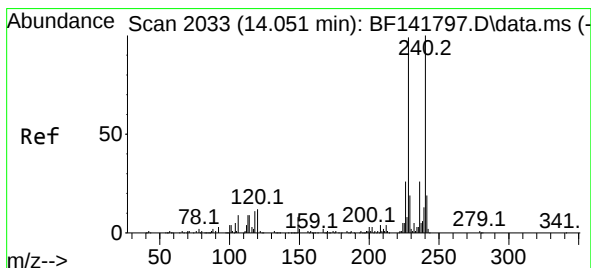
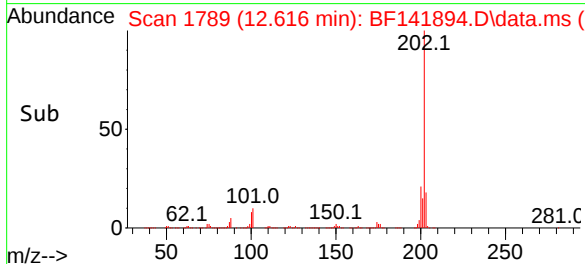
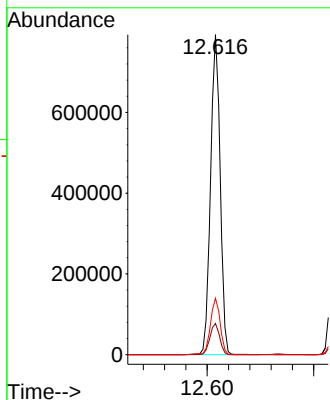
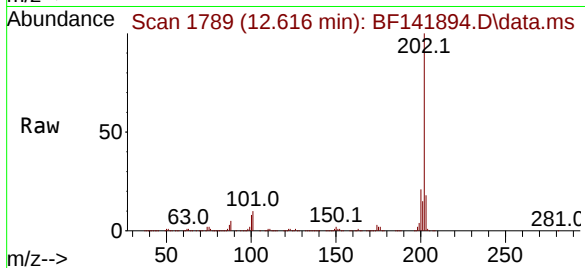




#75
 Fluoranthene
 Concen: 44.797 ng
 RT: 12.616 min Scan# 1789
 Delta R.T. -0.006 min
 Lab File: BF141894.D
 Acq: 07 Mar 2025 18:59

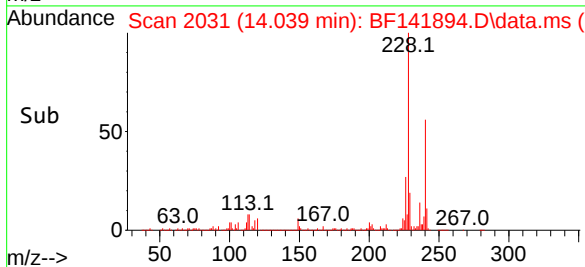
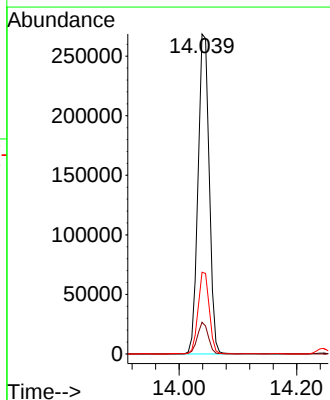
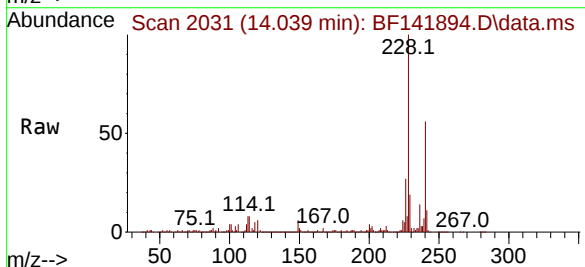
Instrument :
 BNA_F
 ClientSampleId :
 ENV-101-SB01MSD

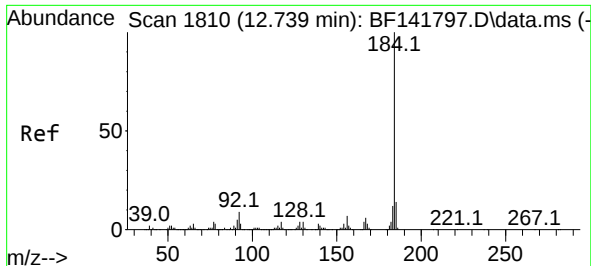
Tgt Ion:202 Resp: 991365
 Ion Ratio Lower Upper
 202 100
 101 9.7 0.0 32.8
 203 17.7 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.039 min Scan# 2031
 Delta R.T. -0.012 min
 Lab File: BF141894.D
 Acq: 07 Mar 2025 18:59

Tgt Ion:240 Resp: 354164
 Ion Ratio Lower Upper
 240 100
 120 9.9 9.7 14.5
 236 25.6 21.0 31.4

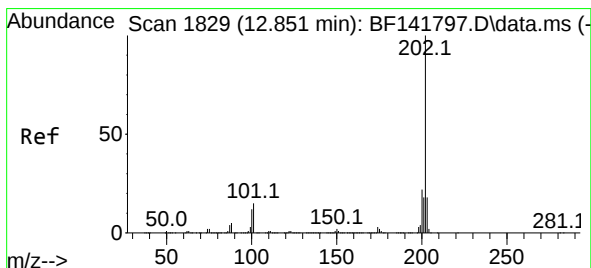
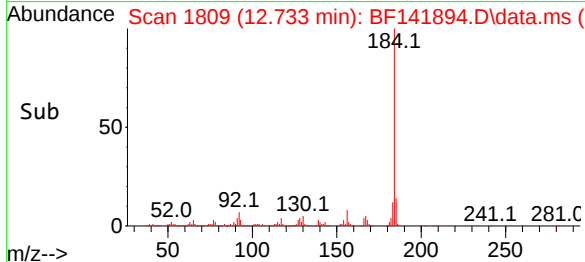
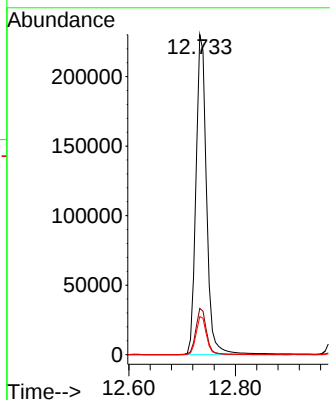
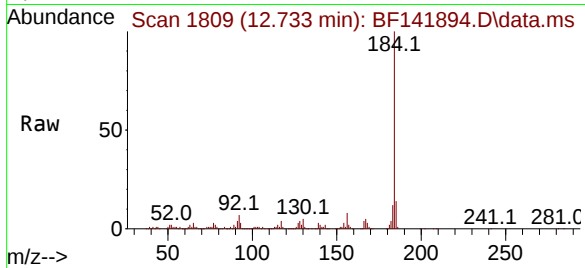




#77
Benzidine
Concen: 71.385 ng
RT: 12.733 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

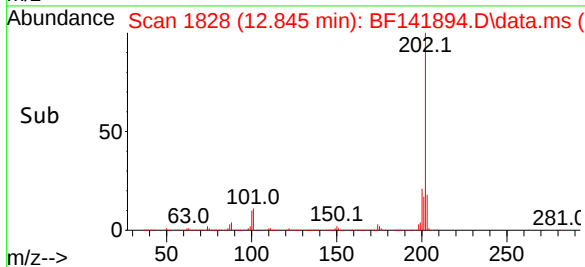
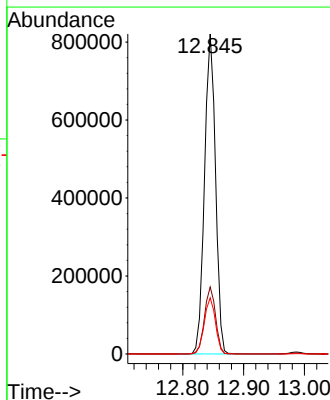
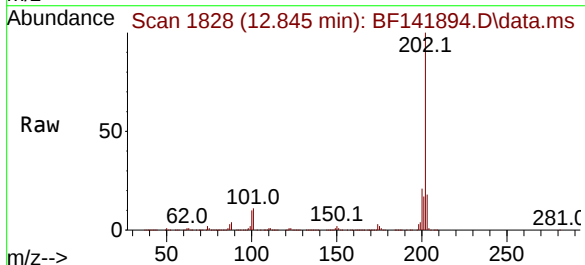
Instrument :
BNA_F
ClientSampleId :
ENV-101-SB01MSD

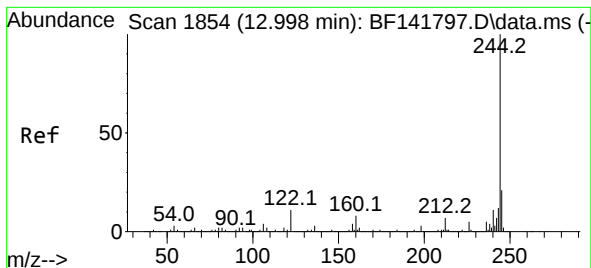
Tgt Ion:184 Resp: 318211
Ion Ratio Lower Upper
184 100
185 14.5 11.6 17.4
183 11.9 9.4 14.0



#78
Pyrene
Concen: 33.615 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF141894.D
Acq: 07 Mar 2025 18:59

Tgt Ion:202 Resp: 1030931
Ion Ratio Lower Upper
202 100
200 21.0 17.4 26.0
203 17.5 14.6 22.0





#79

Terphenyl-d14

Concen: 76.452 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.012 min

Lab File: BF141894.D

Acq: 07 Mar 2025 18:59

Instrument :

BNA_F

ClientSampleId :

ENV-101-SB01MSD

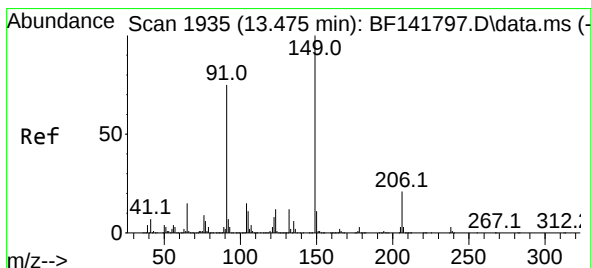
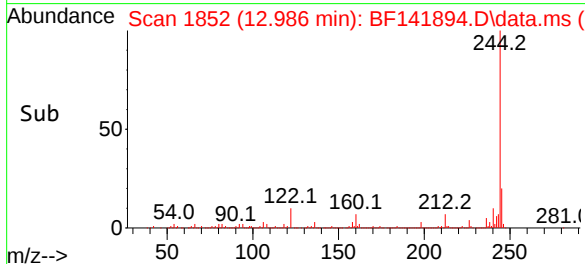
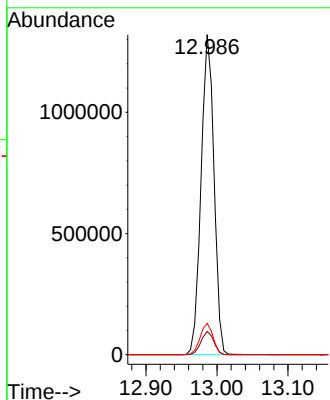
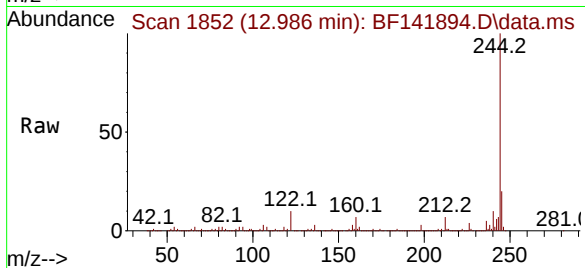
Tgt Ion:244 Resp: 1673540

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 9.8 9.0 13.6



#80

Butylbenzylphthalate

Concen: 36.632 ng

RT: 13.463 min Scan# 1933

Delta R.T. -0.012 min

Lab File: BF141894.D

Acq: 07 Mar 2025 18:59

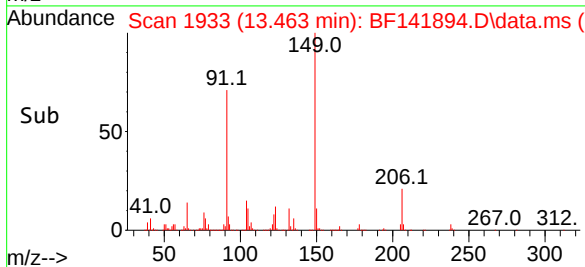
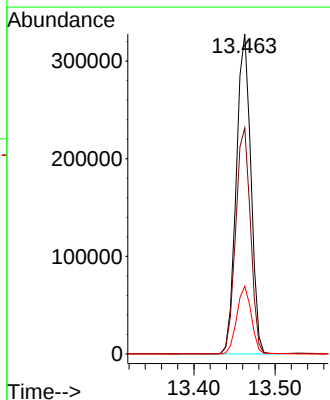
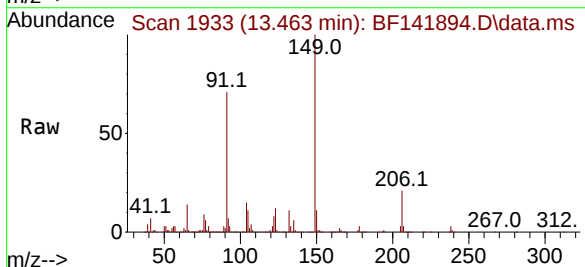
Tgt Ion:149 Resp: 408177

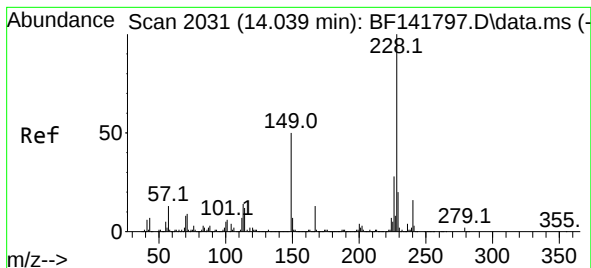
Ion Ratio Lower Upper

149 100

91 70.6 60.1 90.1

206 21.2 16.8 25.2





#81

Benzo(a)anthracene

Concen: 45.175 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF141894.D

Acq: 07 Mar 2025 18:59

Instrument :

BNA_F

ClientSampleId :

ENV-101-SB01MSD

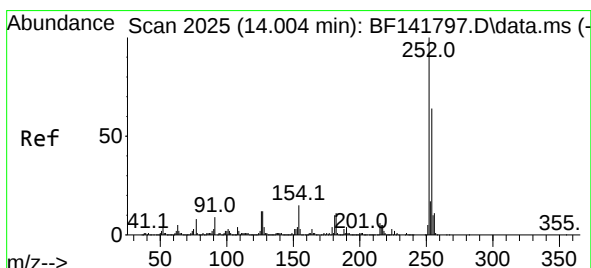
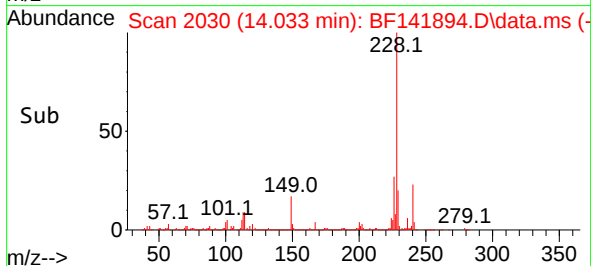
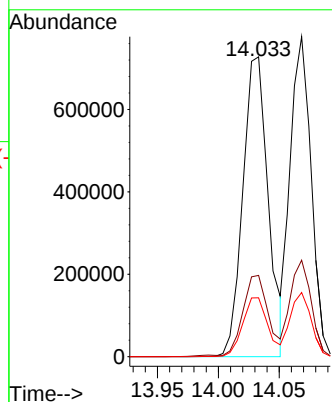
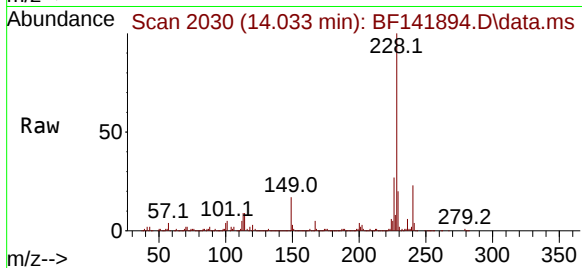
Tgt Ion:228 Resp: 1056782

Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

229 19.6 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 37.944 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.012 min

Lab File: BF141894.D

Acq: 07 Mar 2025 18:59

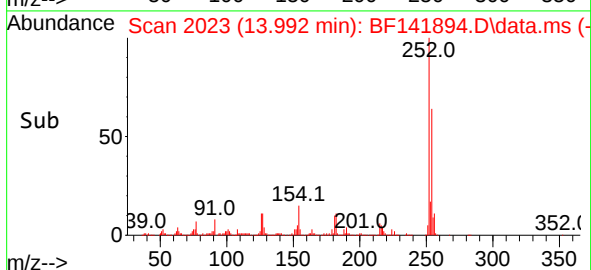
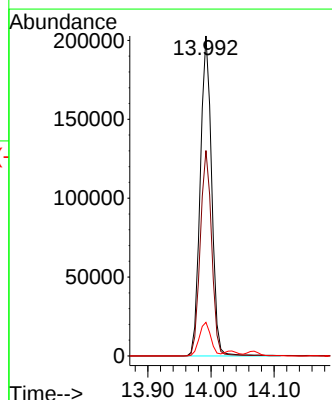
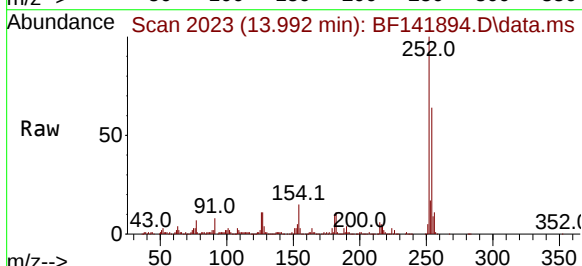
Tgt Ion:252 Resp: 254664

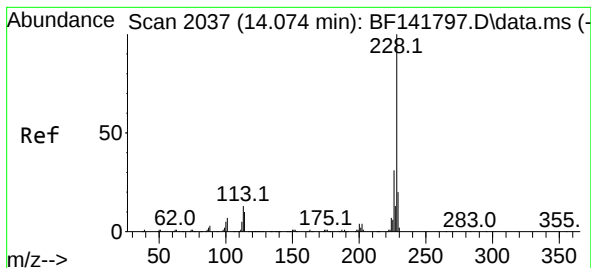
Ion Ratio Lower Upper

252 100

254 64.2 51.4 77.0

126 10.5 9.8 14.6





#83

Chrysene

Concen: 43.206 ng

RT: 14.068 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF141894.D

Acq: 07 Mar 2025 18:59

Instrument :

BNA_F

ClientSampleId :

ENV-101-SB01MSD

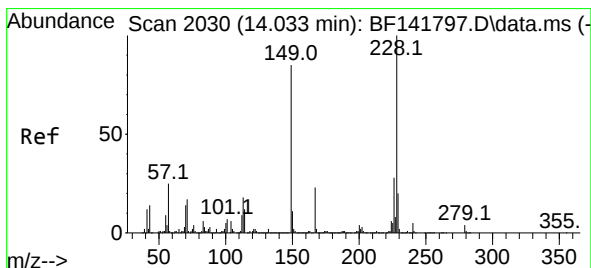
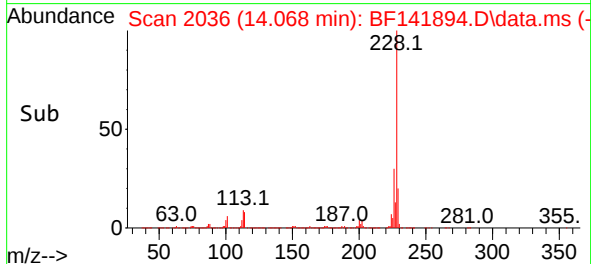
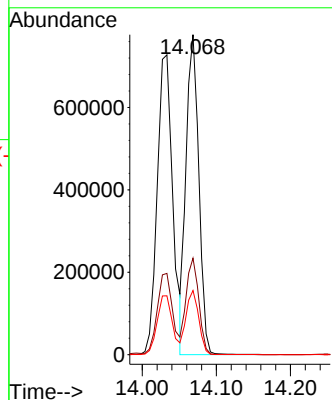
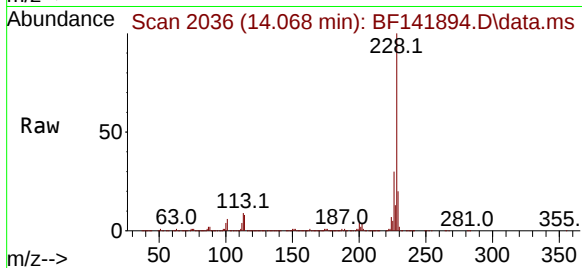
Tgt Ion:228 Resp: 931717

Ion Ratio Lower Upper

228 100

226 30.1 24.6 37.0

229 20.0 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.726 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF141894.D

Acq: 07 Mar 2025 18:59

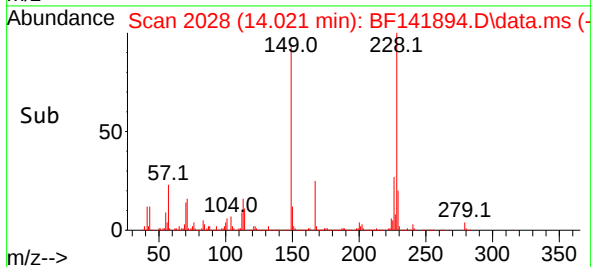
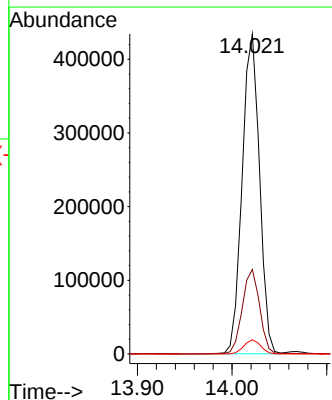
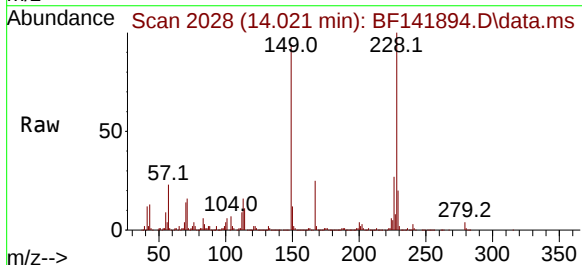
Tgt Ion:149 Resp: 551160

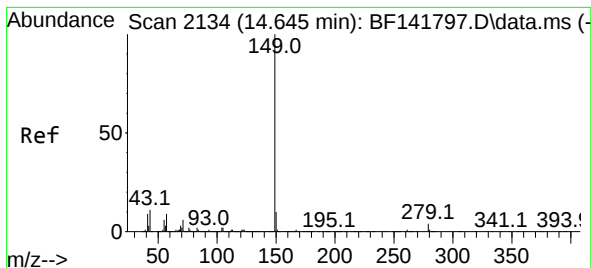
Ion Ratio Lower Upper

149 100

167 26.4 21.2 31.8

279 4.4 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 48.045 ng

RT: 14.633 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141894.D

Acq: 07 Mar 2025 18:59

Instrument :

BNA_F

ClientSampleId :

ENV-101-SB01MSD

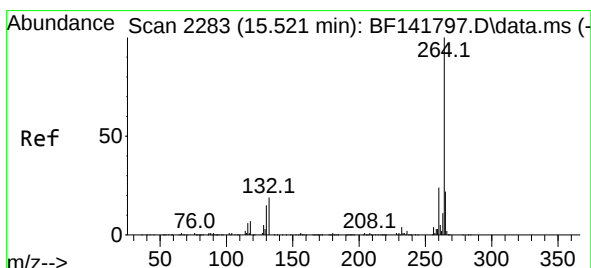
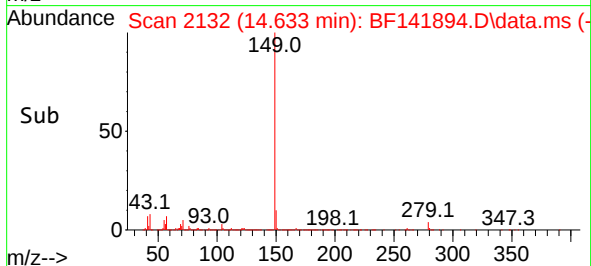
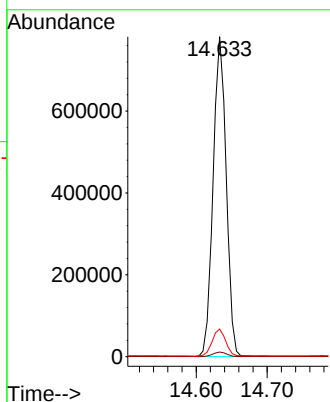
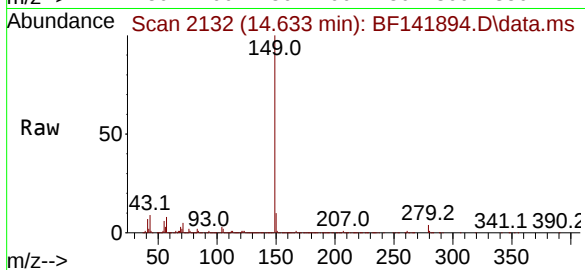
Tgt Ion:149 Resp: 997945

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 8.6 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 2282

Delta R.T. -0.006 min

Lab File: BF141894.D

Acq: 07 Mar 2025 18:59

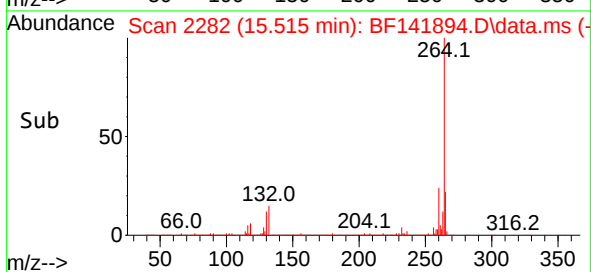
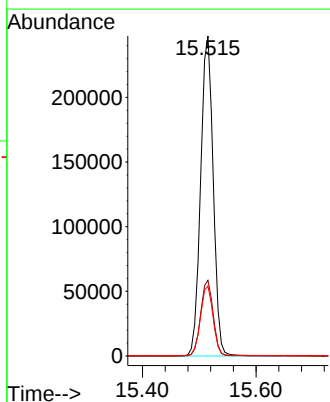
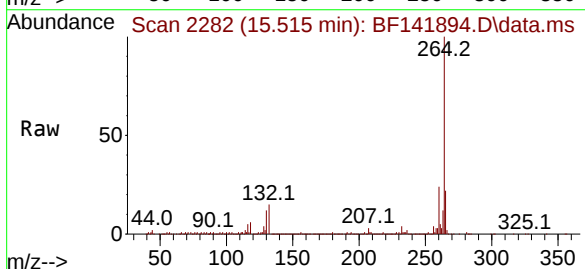
Tgt Ion:264 Resp: 380393

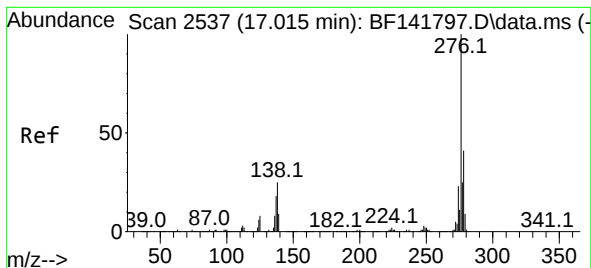
Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.779 ng

RT: 17.003 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141894.D

Acq: 07 Mar 2025 18:59

Instrument :

BNA_F

ClientSampleId :

ENV-101-SB01MSD

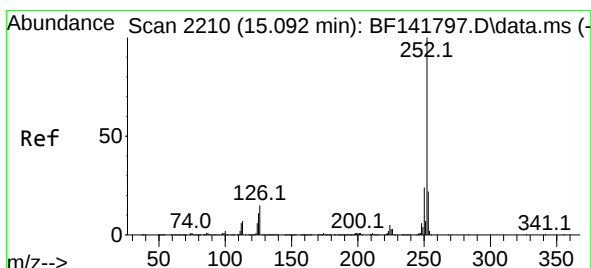
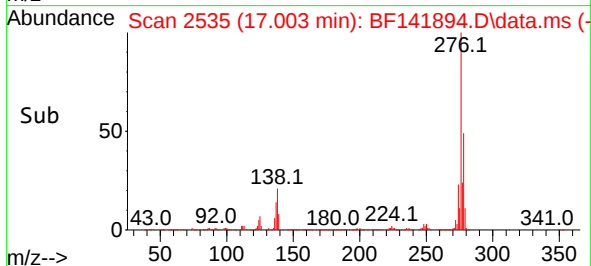
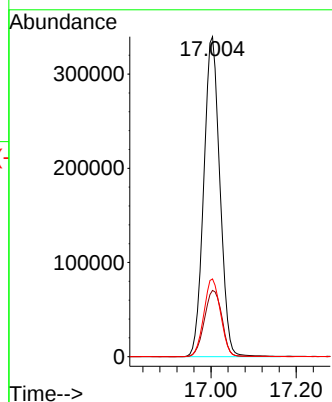
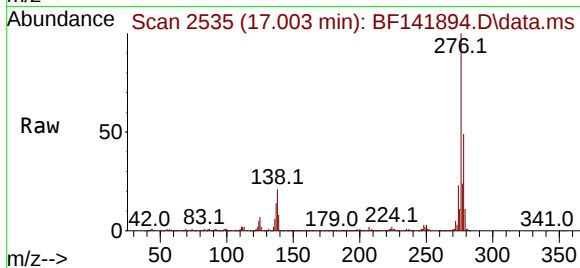
Tgt Ion:276 Resp: 890859

Ion Ratio Lower Upper

276 100

138 22.7 22.5 33.7

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 42.537 ng

RT: 15.080 min Scan# 2208

Delta R.T. -0.012 min

Lab File: BF141894.D

Acq: 07 Mar 2025 18:59

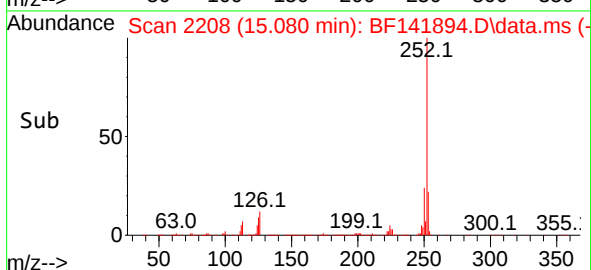
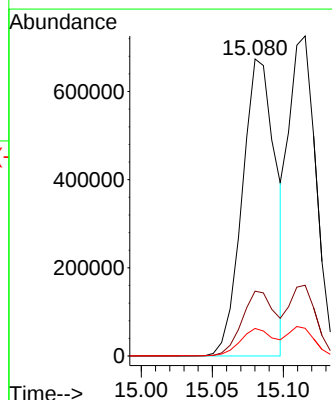
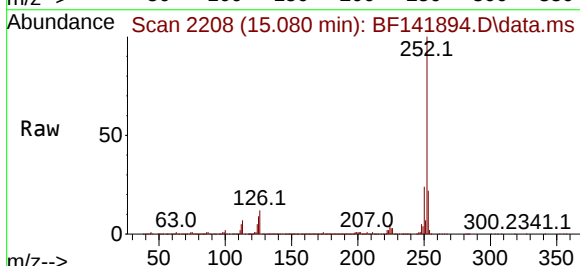
Tgt Ion:252 Resp: 1102180

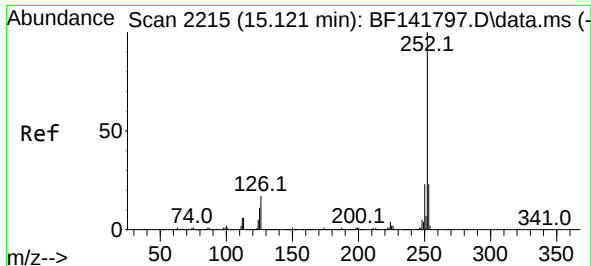
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 9.3 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 50.046 ng

RT: 15.080 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF141894.D

Acq: 07 Mar 2025 18:59

Instrument :

BNA_F

ClientSampleId :

ENV-101-SB01MSD

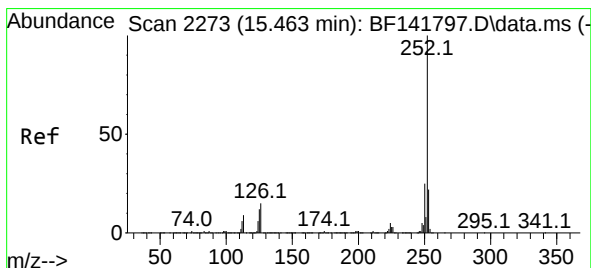
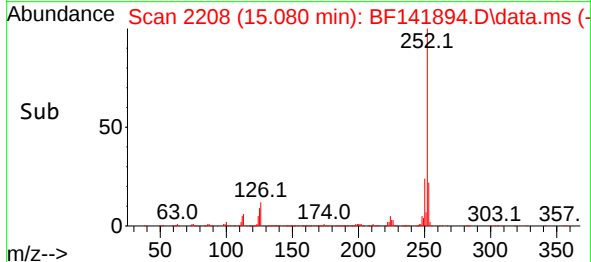
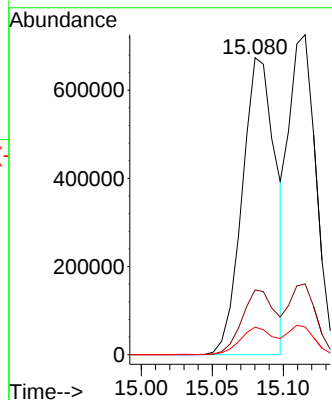
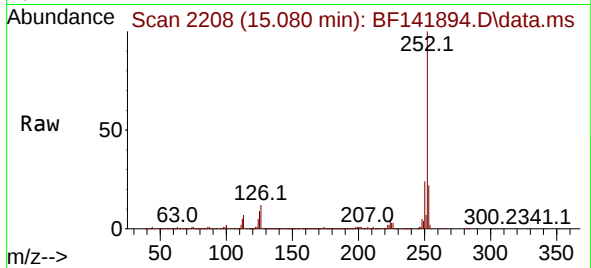
Tgt Ion:252 Resp: 1102180

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 9.3 8.8 13.2



#90

Benzo(a)pyrene

Concen: 46.812 ng

RT: 15.451 min Scan# 2271

Delta R.T. -0.012 min

Lab File: BF141894.D

Acq: 07 Mar 2025 18:59

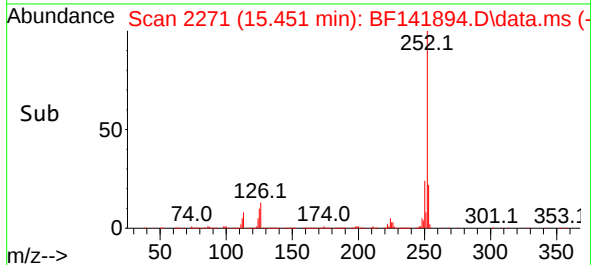
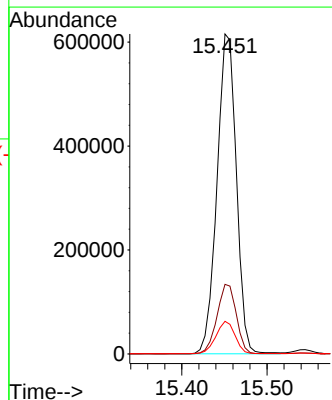
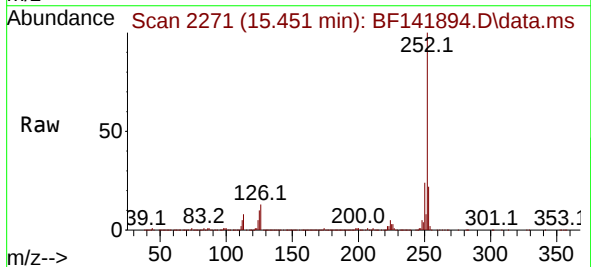
Tgt Ion:252 Resp: 972786

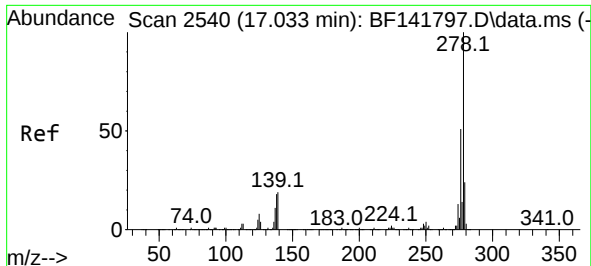
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.2 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 37.465 ng

RT: 17.021 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141894.D

Acq: 07 Mar 2025 18:59

Instrument :

BNA_F

ClientSampleId :

ENV-101-SB01MSD

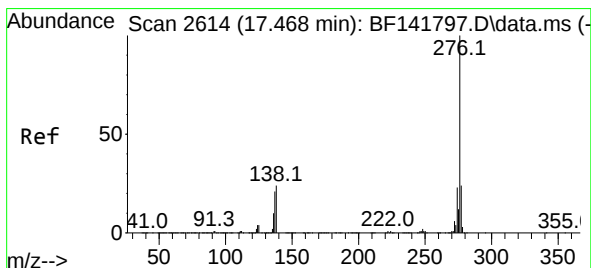
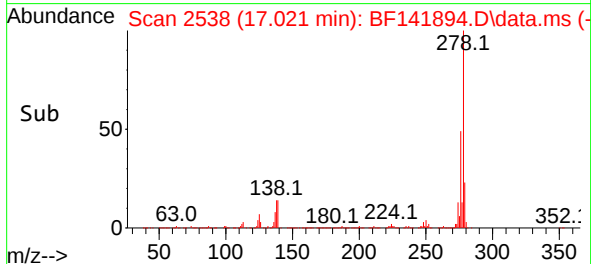
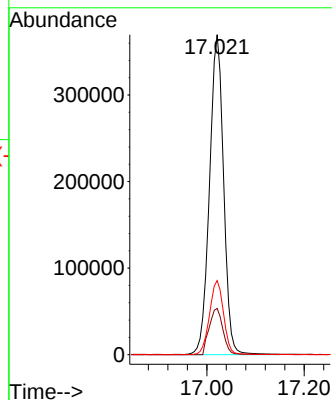
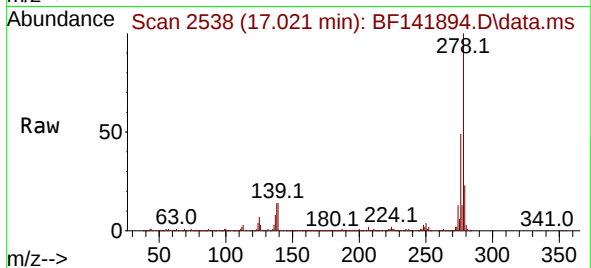
Tgt Ion:278 Resp: 740740

Ion Ratio Lower Upper

278 100

139 14.4 14.9 22.3#

279 23.2 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 30.747 ng

RT: 17.451 min Scan# 2611

Delta R.T. -0.018 min

Lab File: BF141894.D

Acq: 07 Mar 2025 18:59

Tgt Ion:276 Resp: 622794

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.0

138 19.5 19.3 28.9

