

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010625\
 Data File : BF141076.D
 Acq On : 06 Jan 2025 15:19
 Operator : RC/JU
 Sample : Q1009-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-1-03-2025MSD

Quant Time: Jan 06 15:40:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	242867	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	860402	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	377155	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	617908	20.000	ng	0.00
76) Chrysene-d12	13.992	240	384786	20.000	ng	0.00
86) Perylene-d12	15.451	264	337152	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1393021	86.459	ng	0.00
7) Phenol-d6	6.457	99	1730346	83.368	ng	0.00
23) Nitrobenzene-d5	7.392	82	1016459	75.582	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	375930	102.578	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1537515	64.950	ng	0.00
79) Terphenyl-d14	12.933	244	1559967	67.339	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.575	88	226283	31.022	ng	99
3) Pyridine	3.328	79	613434	34.412	ng	98
4) n-Nitrosodimethylamine	3.269	42	341401	37.798	ng	100
6) Aniline	6.522	93	681546	36.818	ng	98
8) 2-Chlorophenol	6.610	128	693400	40.820	ng	97
9) Benzaldehyde	6.375	77	106157	2.757	ng	99
10) Phenol	6.469	94	862583	40.192	ng	98
11) bis(2-Chloroethyl)ether	6.563	93	683893	39.465	ng	96
12) 1,3-Dichlorobenzene	6.769	146	698711	37.271	ng	99
13) 1,4-Dichlorobenzene	6.845	146	698554	36.963	ng	100
14) 1,2-Dichlorobenzene	6.998	146	668227	37.924	ng	99
15) Benzyl Alcohol	6.969	79	588757	39.474	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	970939	37.049	ng	97
17) 2-Methylphenol	7.081	107	550401	39.001	ng	99
18) Hexachloroethane	7.345	117	242702	36.152	ng	99
19) n-Nitroso-di-n-propyla...	7.239	70	465660	36.621	ng	100
20) 3+4-Methylphenols	7.234	107	669706	37.500	ng	# 82
22) Acetophenone	7.239	105	880476	41.715	ng	99
24) Nitrobenzene	7.410	77	677478	45.083	ng	96
25) Isophorone	7.651	82	1229577	42.016	ng	99
26) 2-Nitrophenol	7.728	139	308907	49.922	ng	98
27) 2,4-Dimethylphenol	7.763	122	524552	49.045	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	740739	39.950	ng	98
29) 2,4-Dichlorophenol	7.969	162	500612	41.271	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	525916	38.306	ng	100
31) Naphthalene	8.134	128	1769188	39.022	ng	100
32) Benzoic acid	7.869	122	387655	44.678	ng	96
33) 4-Chloroaniline	8.181	127	331164	20.191	ng	99
34) Hexachlorobutadiene	8.251	225	324150	40.049	ng	100
35) Caprolactam	8.539	113	175631	42.591	ng	# 85
36) 4-Chloro-3-methylphenol	8.657	107	506251	37.581	ng	99
37) 2-Methylnaphthalene	8.822	142	1111983	38.339	ng	99
38) 1-Methylnaphthalene	8.922	142	1029082	36.102	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	474804	45.760	ng	99
41) Hexachlorocyclopentadiene	8.975	237	134559	39.133	ng	98
43) 2,4,6-Trichlorophenol	9.098	196	316900	45.889	ng	100

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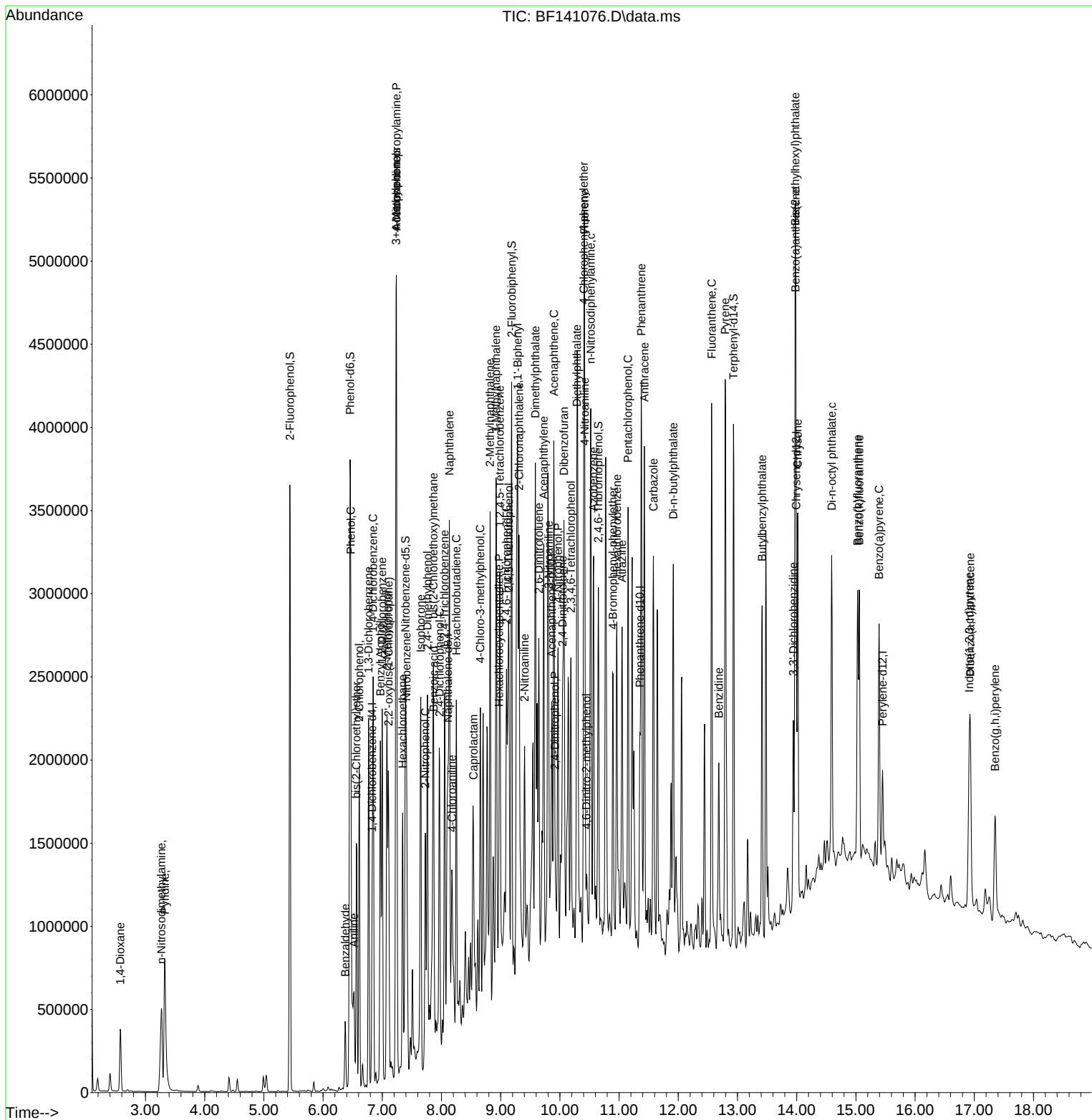
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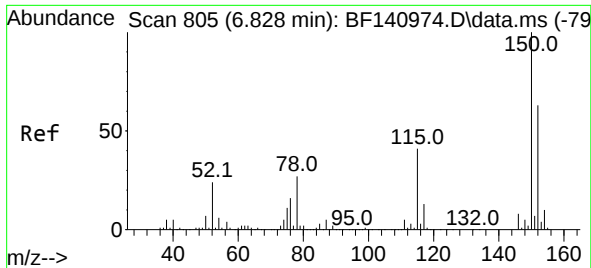
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	318893	45.131	ng	96
46) 1,1'-Biphenyl	9.286	154	1283256	44.436	ng	99
47) 2-Chloronaphthalene	9.310	162	932843	41.650	ng	100
48) 2-Nitroaniline	9.404	65	300753	51.007	ng	93
49) Acenaphthylene	9.728	152	1409159	43.706	ng	100
50) Dimethylphthalate	9.586	163	1084087	43.699	ng	100
51) 2,6-Dinitrotoluene	9.645	165	224618	44.672	ng	99
52) Acenaphthene	9.898	154	931517	42.736	ng	100
53) 3-Nitroaniline	9.810	138	196879	36.614	ng	# 94
54) 2,4-Dinitrophenol	9.916	184	69909	45.162	ng	# 12
55) Dibenzofuran	10.069	168	1267462	41.376	ng	99
56) 4-Nitrophenol	9.969	139	402629	94.879	ng	96
57) 2,4-Dinitrotoluene	10.045	165	297019	47.978	ng	# 96
58) Fluorene	10.416	166	978457	41.191	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	260519	44.518	ng	# 94
60) Diethylphthalate	10.286	149	1029630	42.041	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	466546	40.818	ng	99
62) 4-Nitroaniline	10.422	138	215804	39.871	ng	96
63) Azobenzene	10.569	77	1098527	42.733	ng	90
65) 4,6-Dinitro-2-methylph...	10.451	198	48601	25.231	ng	# 71
66) n-Nitrosodiphenylamine	10.522	169	846577	43.508	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	299161	44.787	ng	98
68) Hexachlorobenzene	10.963	284	318040	43.180	ng	99
69) Atrazine	11.051	200	292221	53.758	ng	99
70) Pentachlorophenol	11.151	266	425198	92.721	ng	100
71) Phenanthrene	11.374	178	1796193	55.232	ng	99
72) Anthracene	11.427	178	1566252	49.150	ng	99
73) Carbazole	11.580	167	1338663	43.699	ng	100
74) Di-n-butylphthalate	11.916	149	1559560	44.759	ng	100
75) Fluoranthene	12.563	202	1838685	52.130	ng	98
77) Benzidine	12.686	184	594853	73.149	ng	98
78) Pyrene	12.792	202	1984588	58.973	ng	100
80) Butylbenzylphthalate	13.416	149	638992	52.000	ng	98
81) Benzo(a)anthracene	13.980	228	1259452	46.964	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	349112	43.329	ng	98
83) Chrysene	14.015	228	1194664	49.417	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	796385	49.962	ng	99
85) Di-n-octyl phthalate	14.592	149	1185272	51.377	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.915	276	948431	44.650	ng	95
88) Benzo(b)fluoranthene	15.027	252	1129962	48.054	ng	99
89) Benzo(k)fluoranthene	15.057	252	814473	44.193	ng	98
90) Benzo(a)pyrene	15.392	252	930501	50.983	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	737408	42.827	ng	98
92) Benzo(g,h,i)perylene	17.351	276	689209	38.592	ng	98

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

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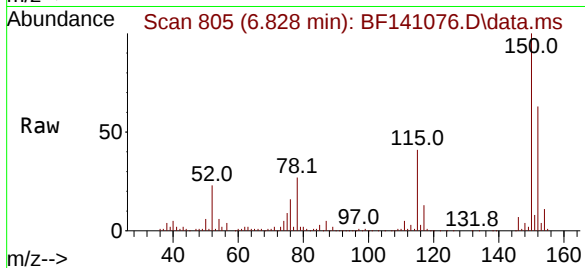
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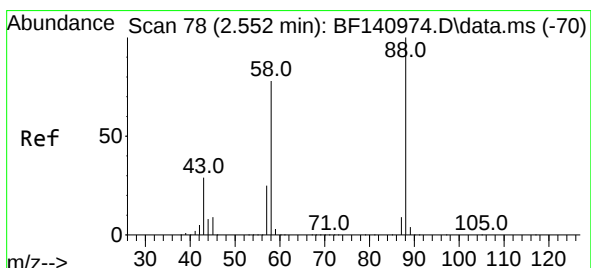
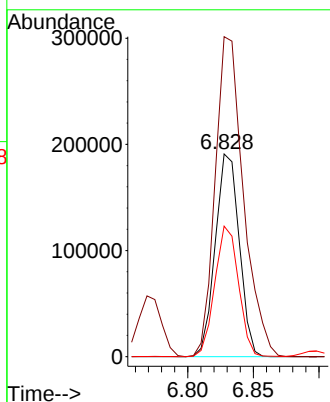
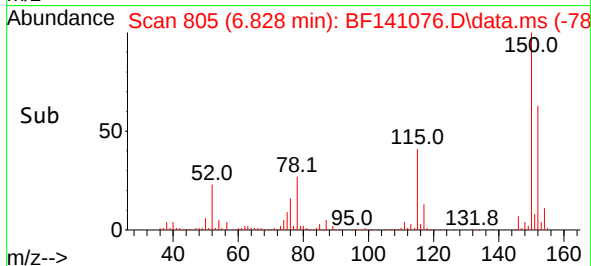


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141076.D
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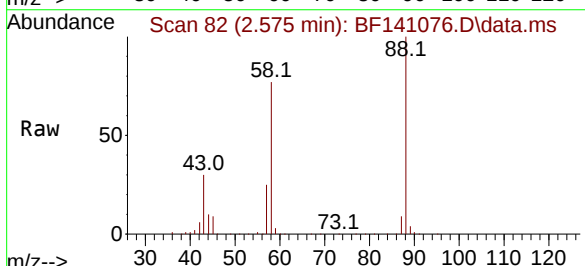
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 ClientSampleId :
 SU-03-1-03-2025MSD



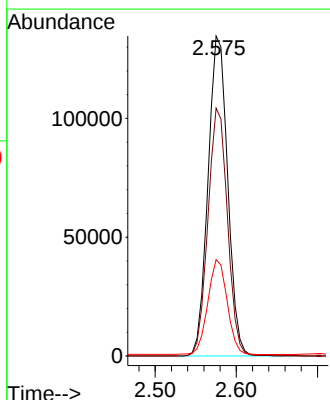
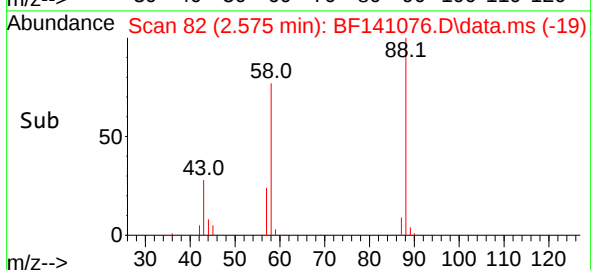
Tgt Ion:152 Resp: 242867
 Ion Ratio Lower Upper
 152 100
 150 157.9 127.0 190.6
 115 64.5 51.7 77.5

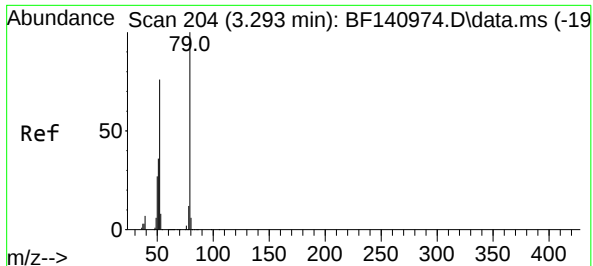


#2
 1,4-Dioxane
 Concen: 31.022 ng
 RT: 2.575 min Scan# 82
 Delta R.T. 0.023 min
 Lab File: BF141076.D
 Acq: 06 Jan 2025 15:19



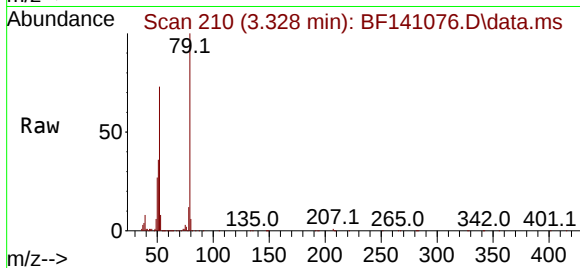
Tgt Ion: 88 Resp: 226283
 Ion Ratio Lower Upper
 88 100
 58 77.0 63.0 94.4
 43 29.3 23.4 35.2



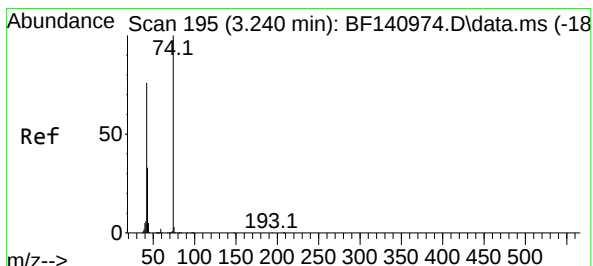
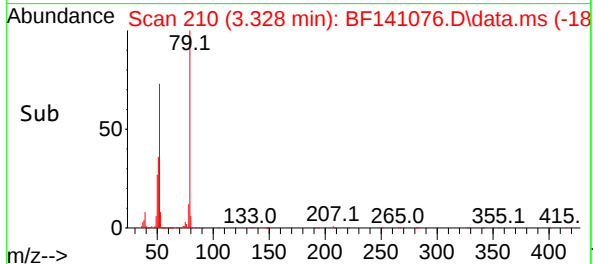
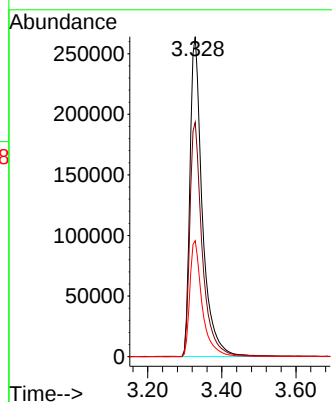


#3
Pyridine
Concen: 34.412 ng
RT: 3.328 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MSD

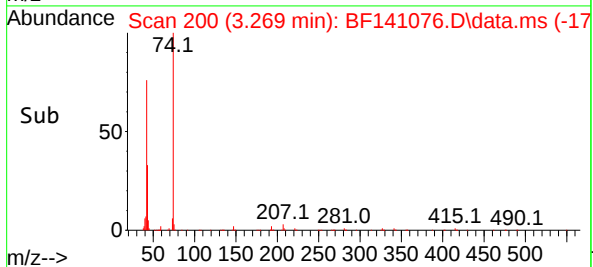
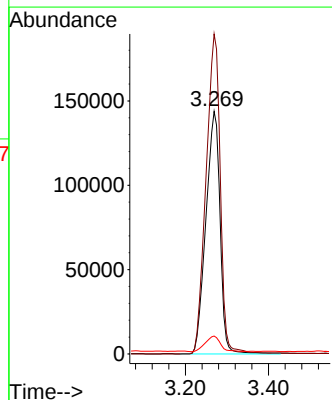
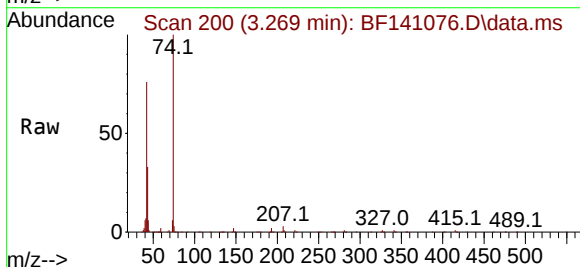


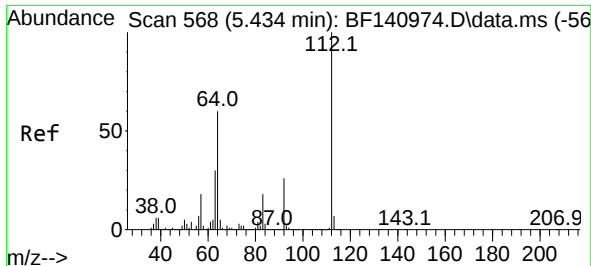
Tgt Ion: 79 Resp: 613434
Ion Ratio Lower Upper
79 100
52 73.2 60.4 90.6
51 36.3 28.8 43.2



#4
n-Nitrosodimethylamine
Concen: 37.798 ng
RT: 3.269 min Scan# 200
Delta R.T. 0.029 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

Tgt Ion: 42 Resp: 341401
Ion Ratio Lower Upper
42 100
74 131.9 105.8 158.6
44 7.4 6.6 10.0

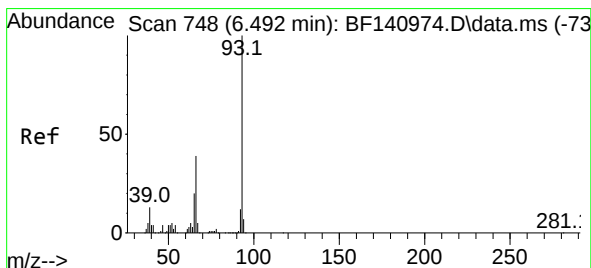
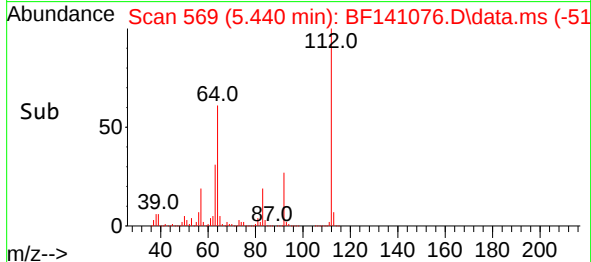
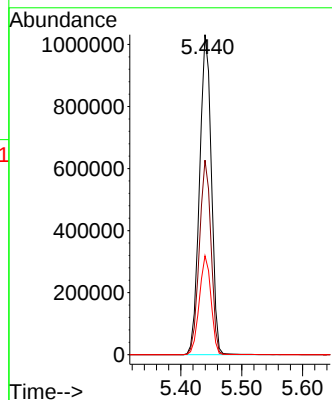
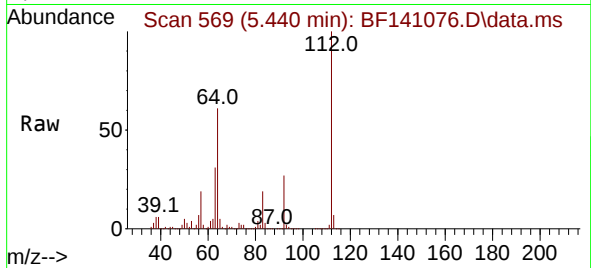




#5
2-Fluorophenol
Concen: 86.459 ng
RT: 5.440 min Scan# 501
Delta R.T. 0.006 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

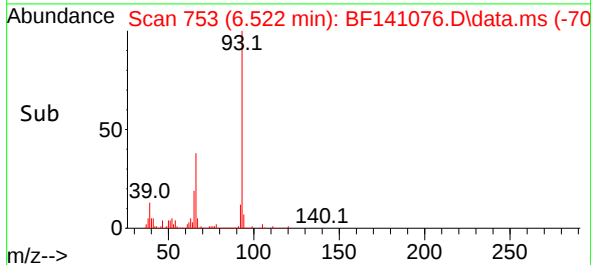
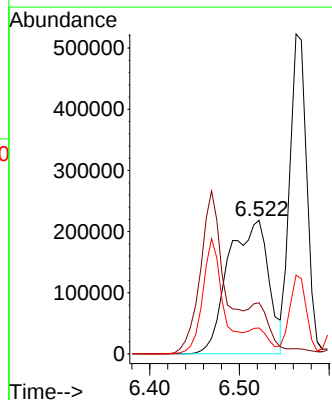
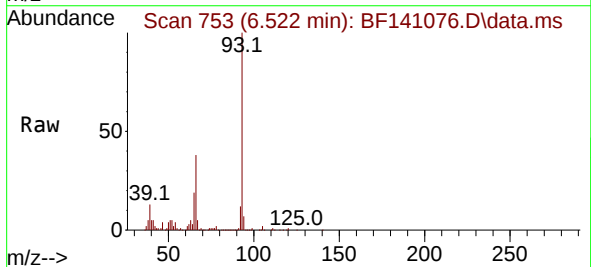
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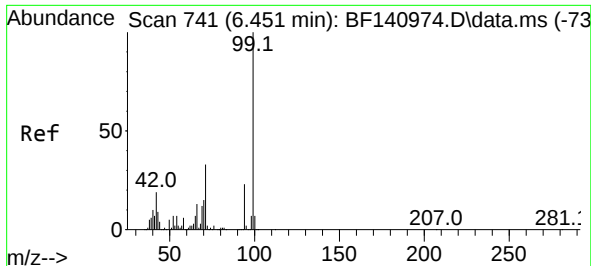
Tgt Ion:112 Resp: 1393021
Ion Ratio Lower Upper
112 100
64 60.8 47.7 71.5
63 30.9 24.2 36.2



#6
Aniline
Concen: 36.818 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.012 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

Tgt Ion: 93 Resp: 681546
Ion Ratio Lower Upper
93 100
66 38.3 31.8 47.8
65 19.5 15.4 23.0

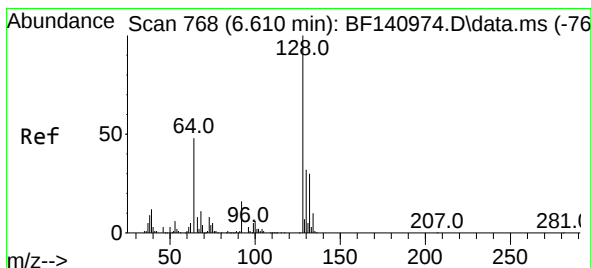
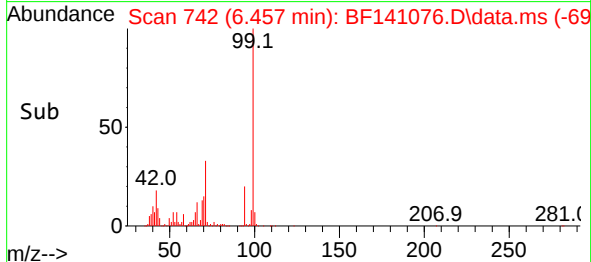
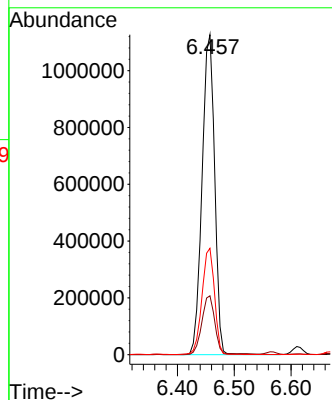
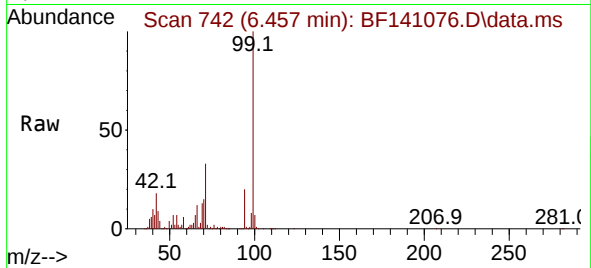




#7
Phenol-d6
Concen: 83.368 ng
RT: 6.457 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

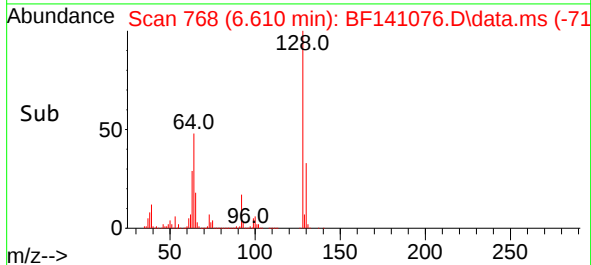
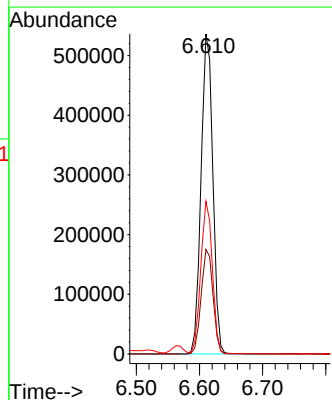
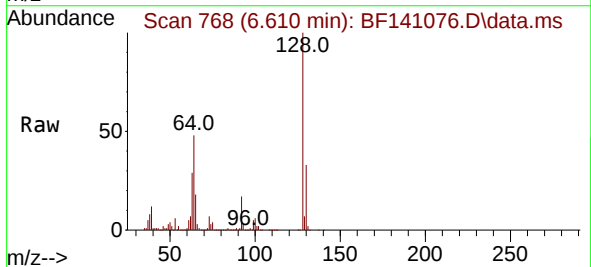
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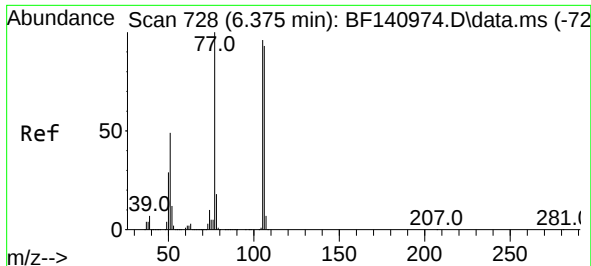
Tgt Ion: 99 Resp: 1730346
Ion Ratio Lower Upper
99 100
42 18.4 15.0 22.4
71 33.3 26.2 39.2



#8
2-Chlorophenol
Concen: 40.820 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

Tgt Ion: 128 Resp: 693400
Ion Ratio Lower Upper
128 100
130 32.7 12.2 52.2
64 47.7 30.3 70.3

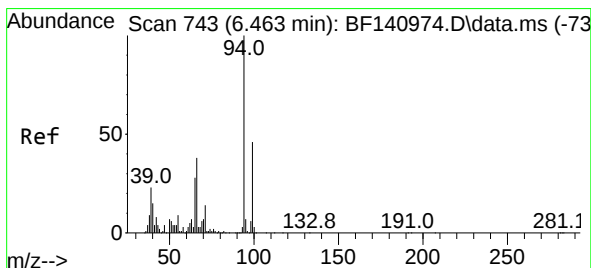
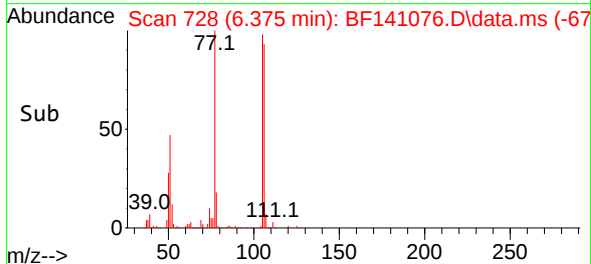
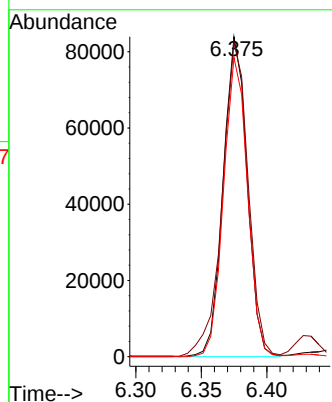
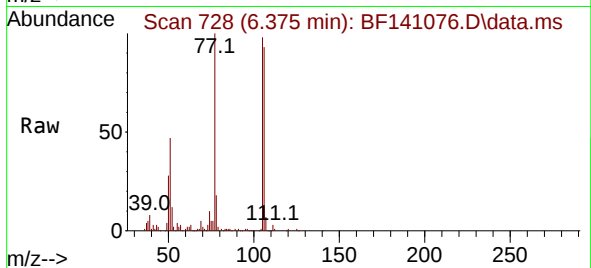




#9
Benzaldehyde
Concen: 2.757 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141076.D
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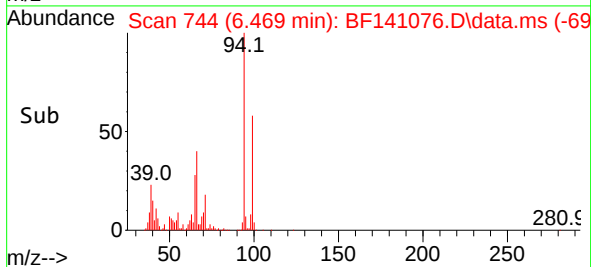
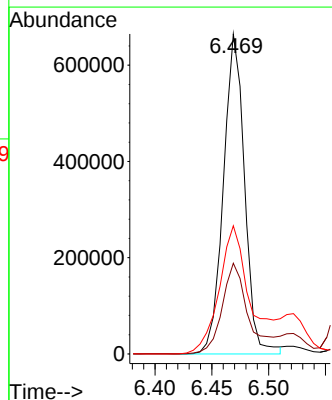
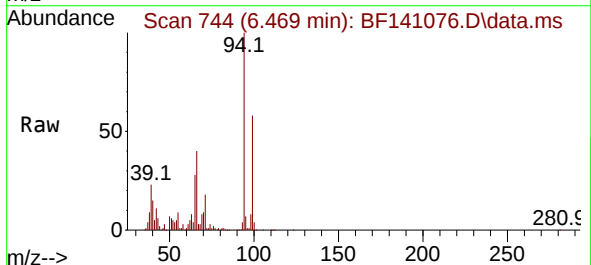
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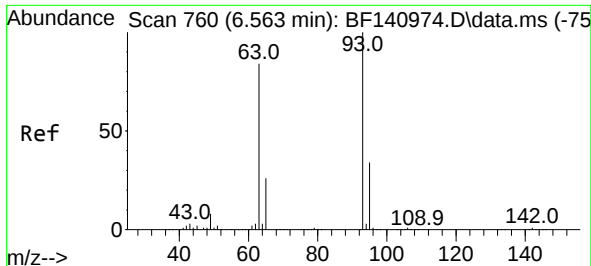
Tgt Ion: 77 Resp: 106157
Ion Ratio Lower Upper
77 100
105 98.2 76.2 116.2
106 93.5 73.4 113.4



#10
Phenol
Concen: 40.192 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

Tgt Ion: 94 Resp: 862583
Ion Ratio Lower Upper
94 100
65 28.4 8.1 48.1
66 40.1 18.7 58.7





#11

bis(2-Chloroethyl)ether

Concen: 39.465 ng

RT: 6.563 min Scan# 760

Delta R.T. -0.000 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

Instrument :

BNA_F

ClientSampleId :

SU-03-1-03-2025MSD

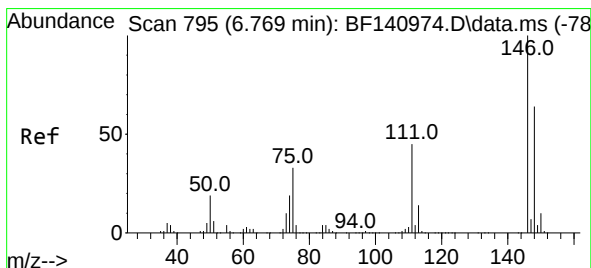
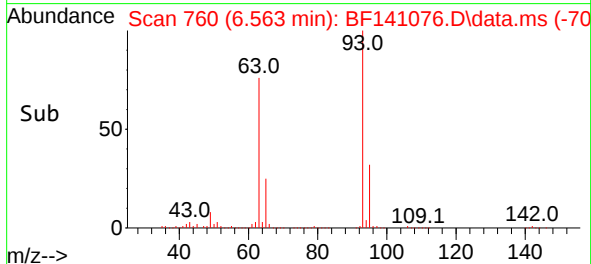
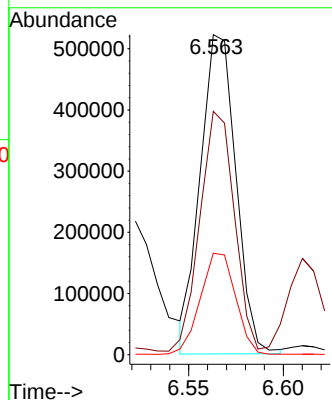
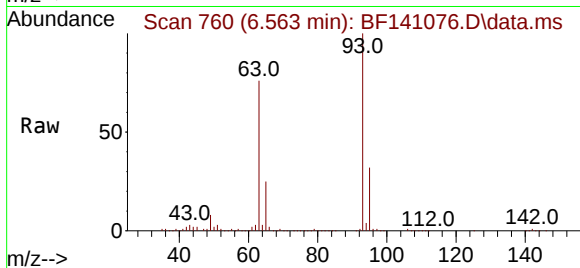
Tgt Ion: 93 Resp: 683893

Ion Ratio Lower Upper

93 100

63 76.0 60.3 100.3

95 31.7 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 37.271 ng

RT: 6.769 min Scan# 795

Delta R.T. -0.000 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

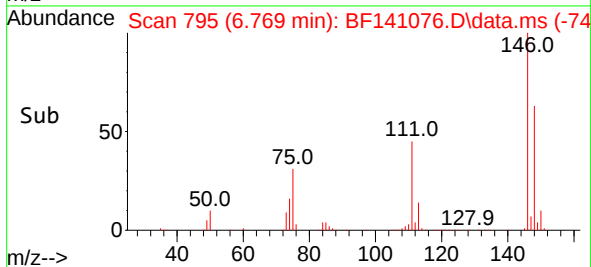
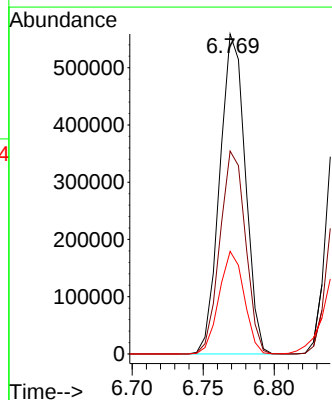
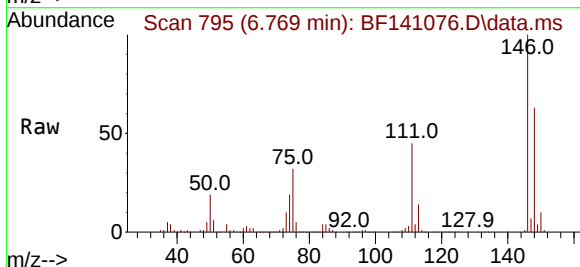
Tgt Ion: 146 Resp: 698711

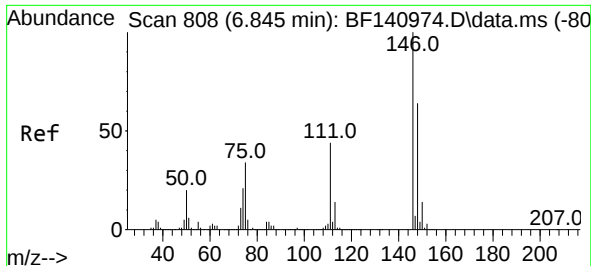
Ion Ratio Lower Upper

146 100

148 63.4 51.0 76.4

75 32.1 26.1 39.1

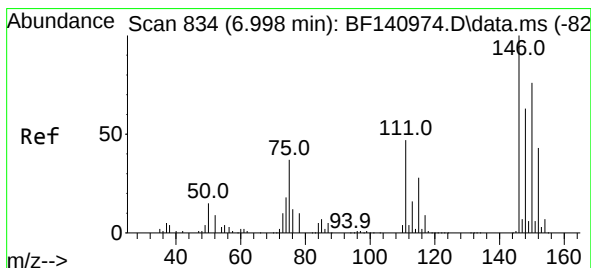
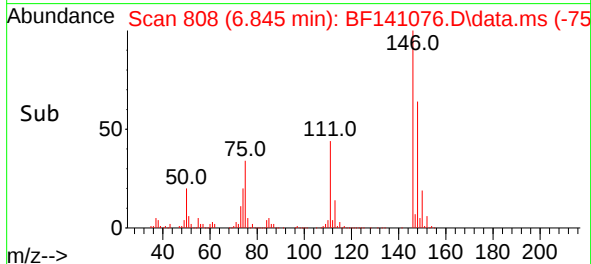
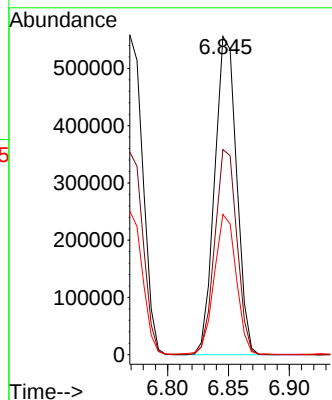
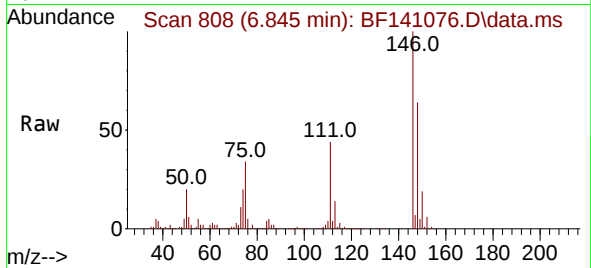




#13
1,4-Dichlorobenzene
Concen: 36.963 ng
RT: 6.845 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

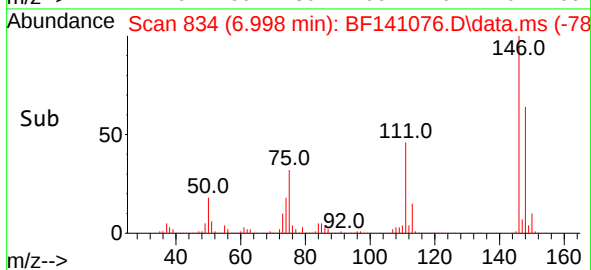
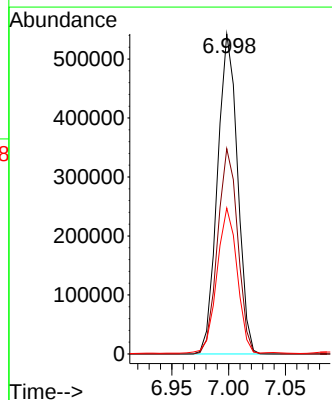
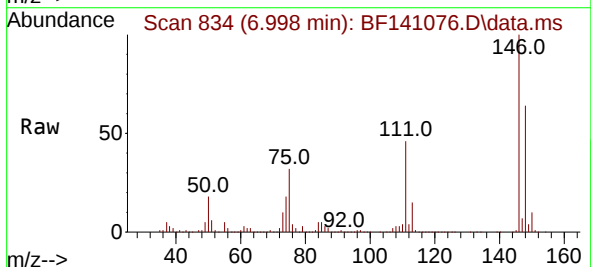
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MSD

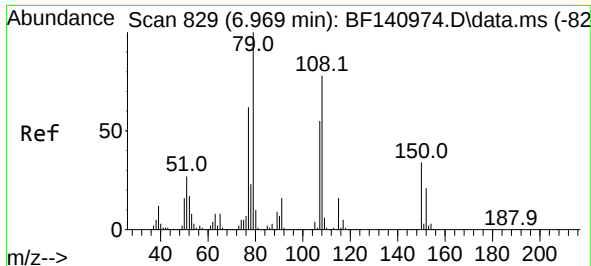
Tgt Ion:146 Resp: 698554
Ion Ratio Lower Upper
146 100
148 64.5 51.3 76.9
111 44.1 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 37.924 ng
RT: 6.998 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

Tgt Ion:146 Resp: 668227
Ion Ratio Lower Upper
146 100
148 64.1 50.6 76.0
111 45.6 37.3 55.9

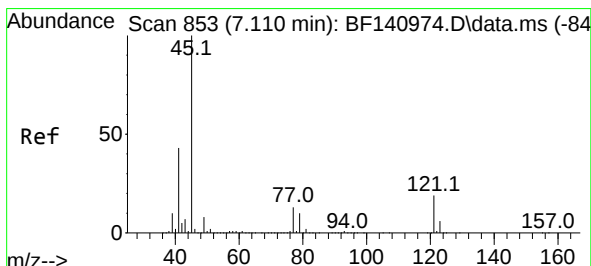
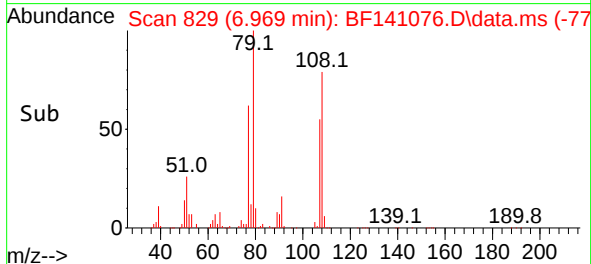
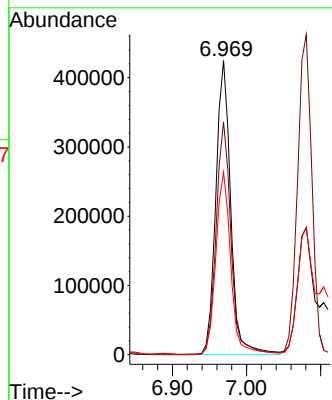
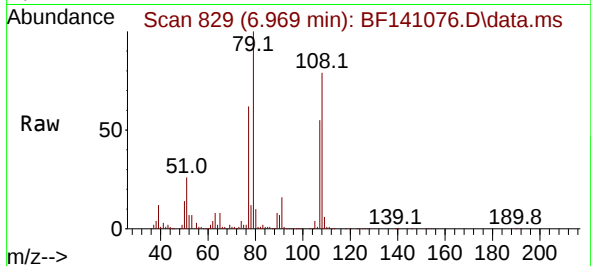




#15
Benzyl Alcohol
Concen: 39.474 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

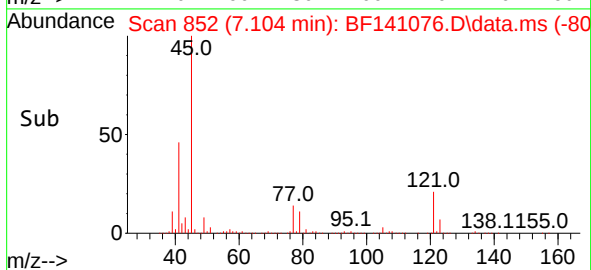
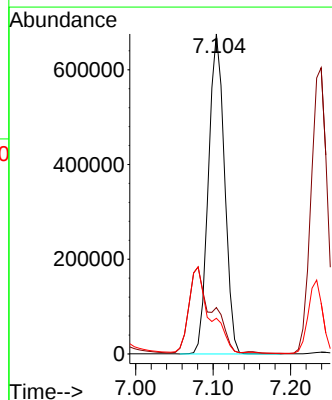
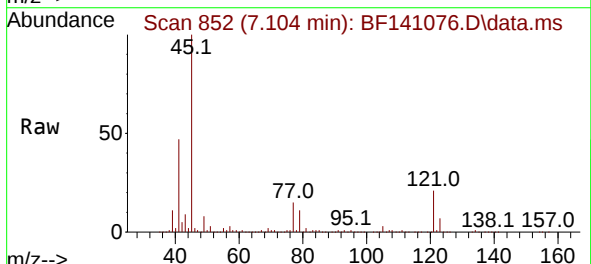
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MSD

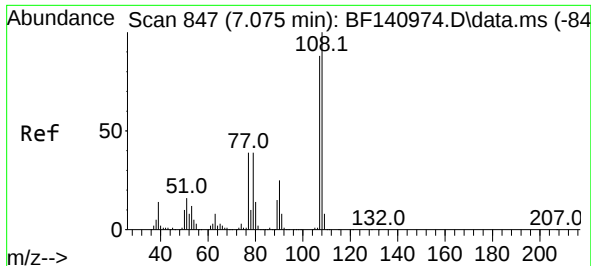
Tgt Ion: 79 Resp: 588757
Ion Ratio Lower Upper
79 100
108 79.2 62.5 93.7
77 62.1 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.049 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

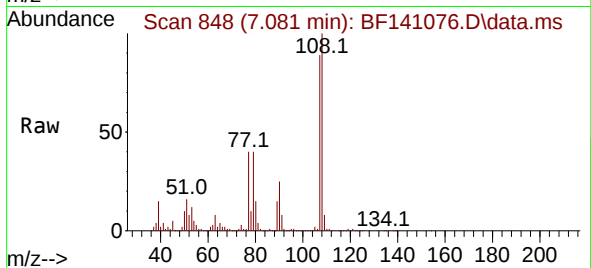
Tgt Ion: 45 Resp: 970939
Ion Ratio Lower Upper
45 100
77 14.5 0.0 33.1
79 11.1 0.0 30.1



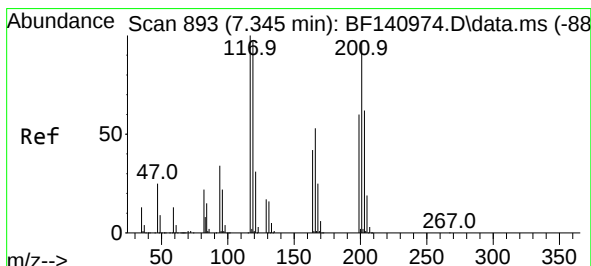
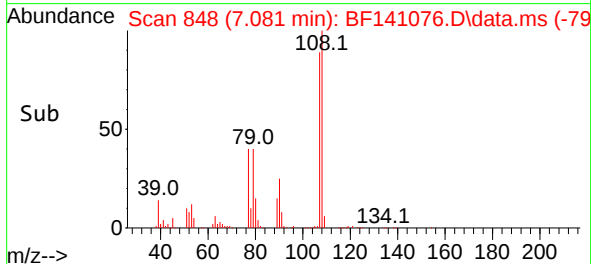
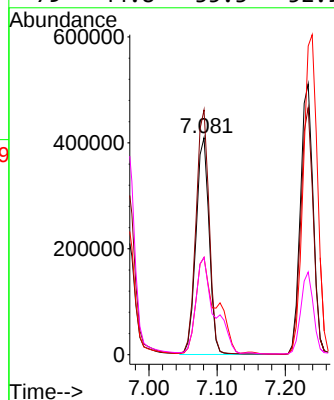


#17
2-Methylphenol
Concen: 39.001 ng
RT: 7.081 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MSD

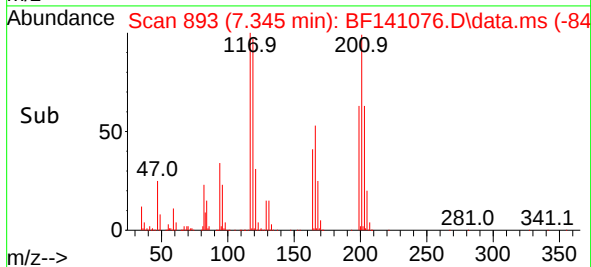
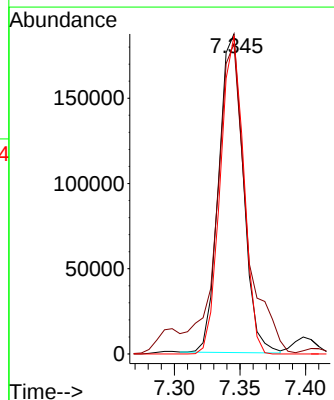
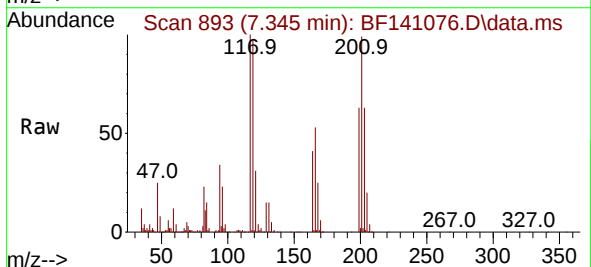


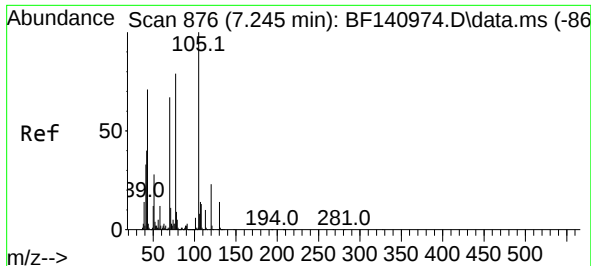
Tgt Ion:107 Resp: 550401
Ion Ratio Lower Upper
107 100
108 112.8 90.6 136.0
77 44.9 35.3 52.9
79 44.8 35.3 52.9



#18
Hexachloroethane
Concen: 36.152 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

Tgt Ion:117 Resp: 242702
Ion Ratio Lower Upper
117 100
119 97.0 77.5 116.3
201 99.3 77.4 116.2

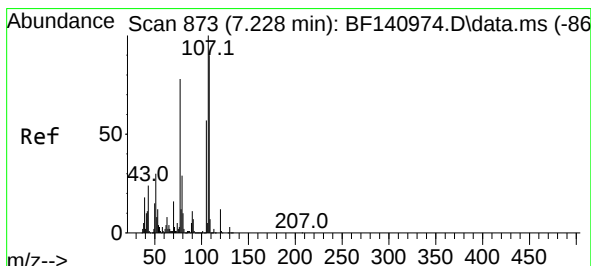
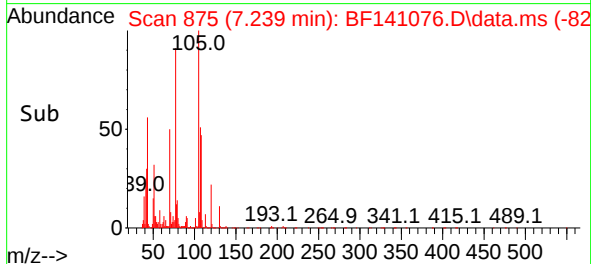
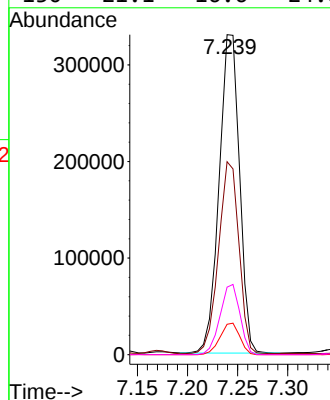
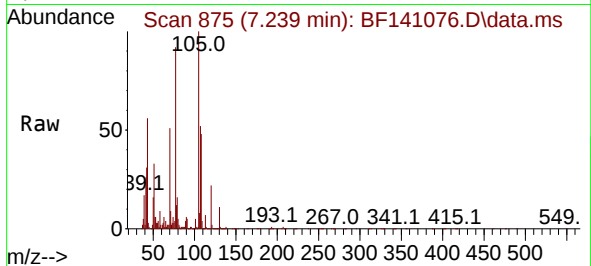




#19
n-Nitroso-di-n-propylamine
Concen: 36.621 ng
RT: 7.239 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

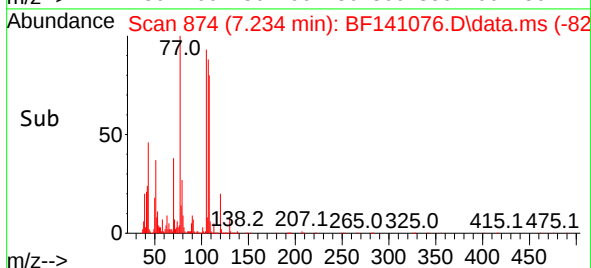
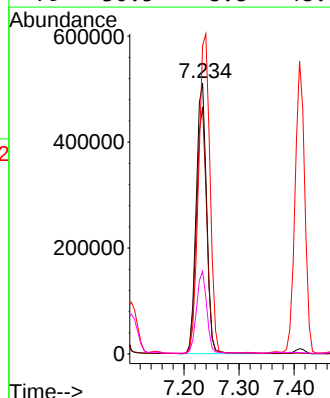
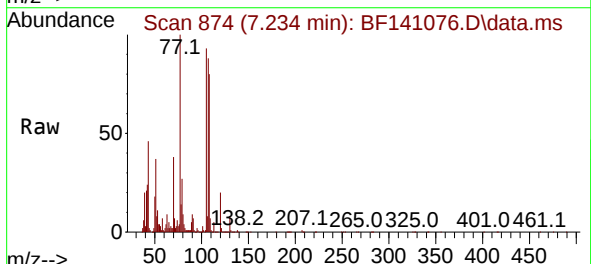
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MSD

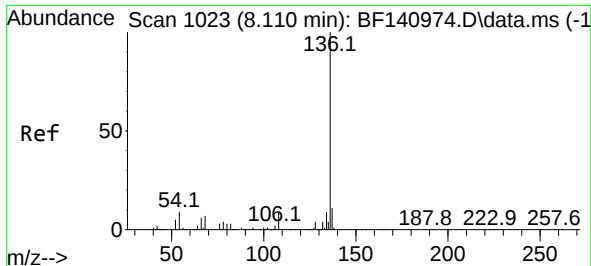
Tgt Ion: 70 Resp: 465660
Ion Ratio Lower Upper
70 100
42 60.3 48.1 72.1
101 9.5 7.6 11.4
130 21.1 16.6 24.8



#20
3+4-Methylphenols
Concen: 37.500 ng
RT: 7.234 min Scan# 874
Delta R.T. 0.006 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

Tgt Ion:107 Resp: 669706
Ion Ratio Lower Upper
107 100
108 91.2 69.6 109.6
77 113.9 57.6 97.6#
79 30.5 8.8 48.8

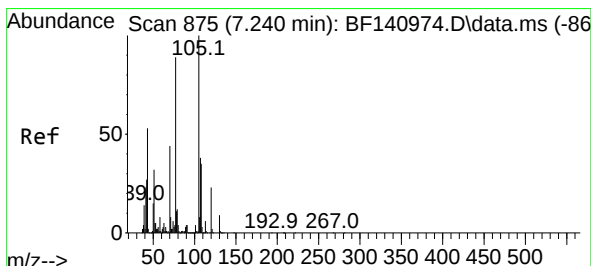
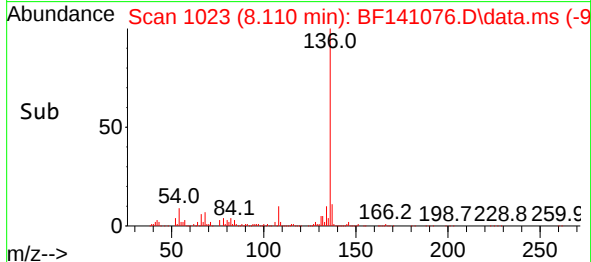
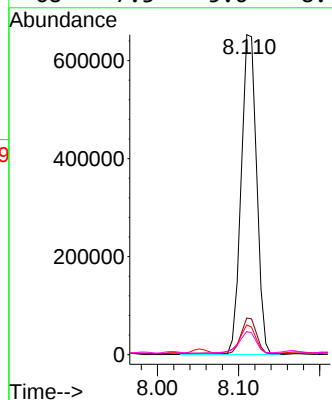
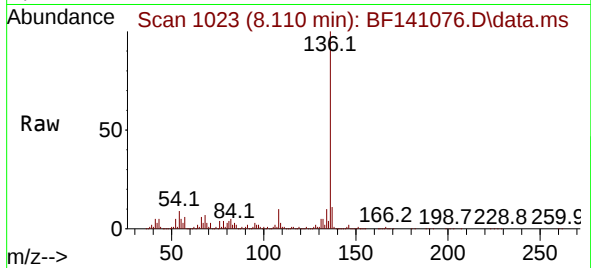




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

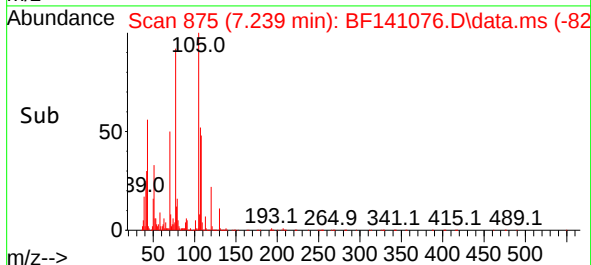
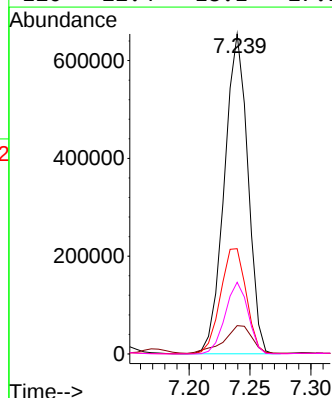
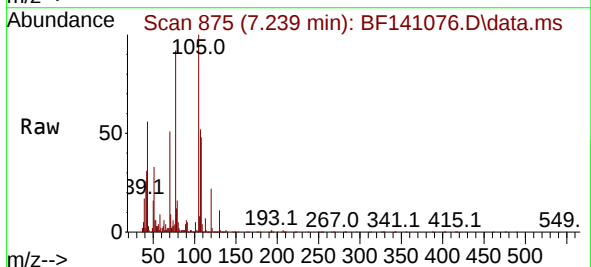
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MSD

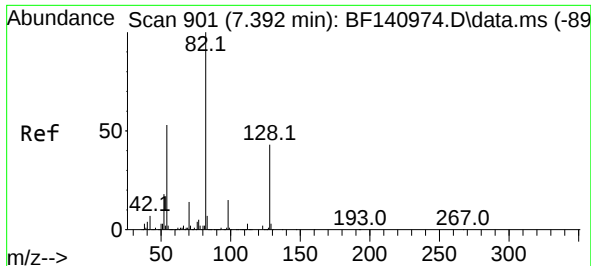
Tgt Ion:	136	Resp:	860402
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.4
54	9.3	7.6	11.4
68	7.3	5.6	8.4



#22
Acetophenone
Concen: 41.715 ng
RT: 7.239 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

Tgt Ion:	105	Resp:	880476
Ion Ratio	Lower	Upper	
105	100		
71	8.8	6.1	9.1
51	32.9	25.8	38.6
120	22.4	18.1	27.1





#23

Nitrobenzene-d5

Concen: 75.582 ng

RT: 7.392 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

Instrument :

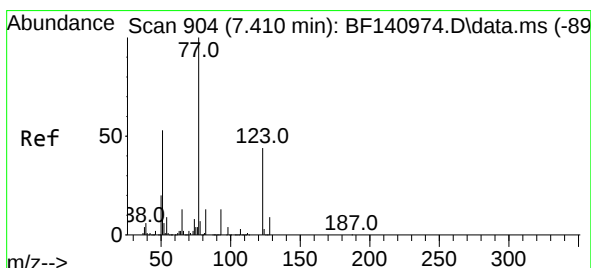
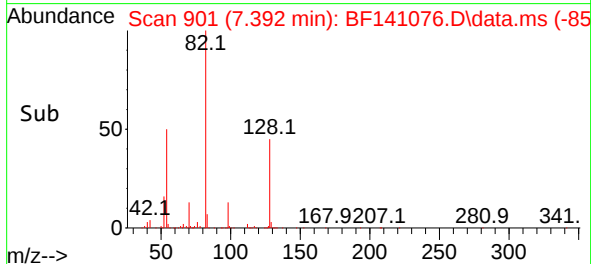
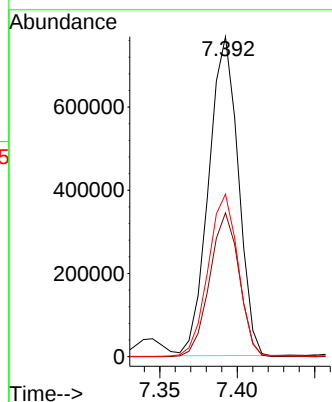
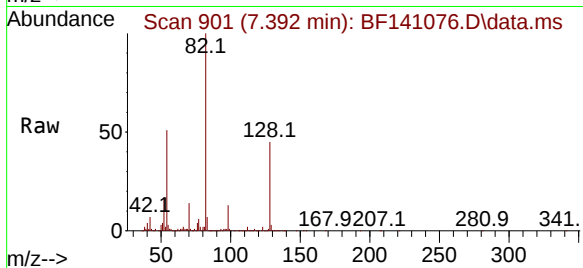
BNA_F

ClientSampleId :

SU-03-1-03-2025MSD

Tgt Ion: 82 Resp: 1016459

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.4	51.6
54	50.8	42.4	63.6



#24

Nitrobenzene

Concen: 45.083 ng

RT: 7.410 min Scan# 904

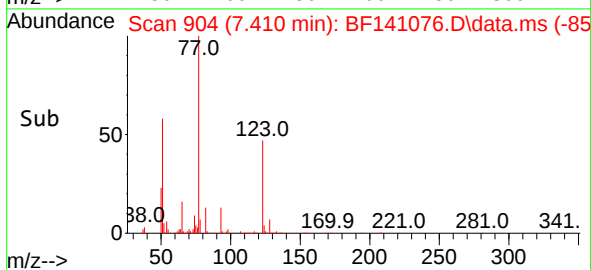
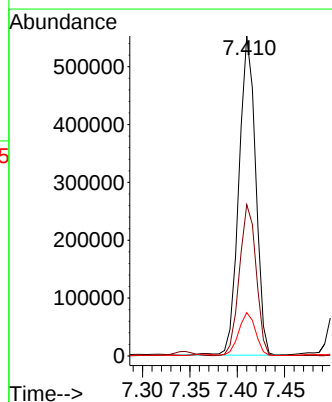
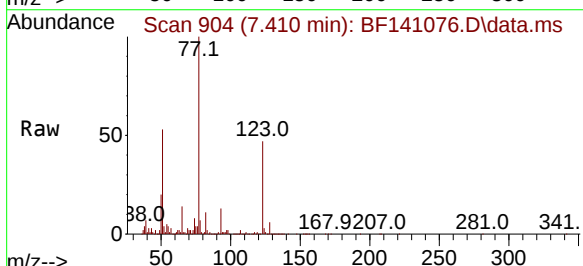
Delta R.T. -0.000 min

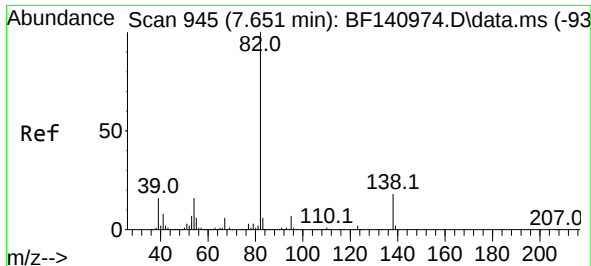
Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

Tgt Ion: 77 Resp: 677478

Ion	Ratio	Lower	Upper
77	100		
123	47.3	35.4	53.2
65	13.6	10.7	16.1

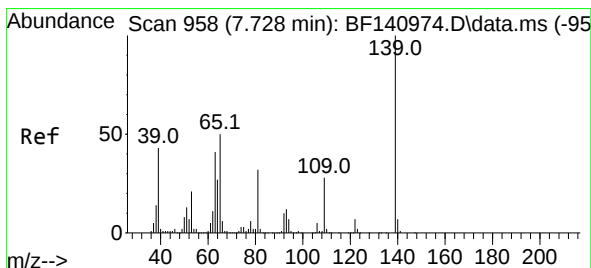
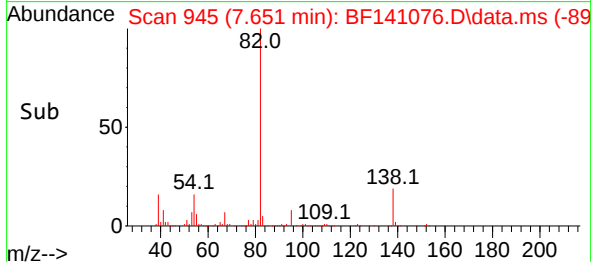
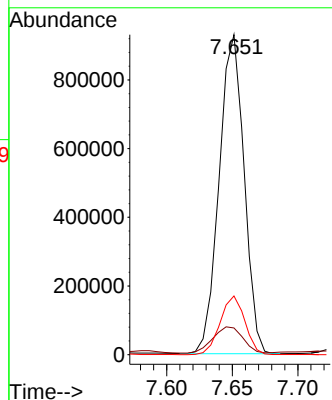
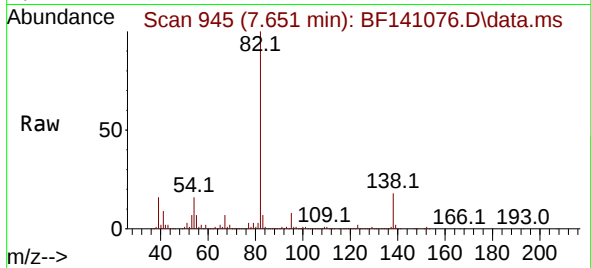




#25
Isophorone
Concen: 42.016 ng
RT: 7.651 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

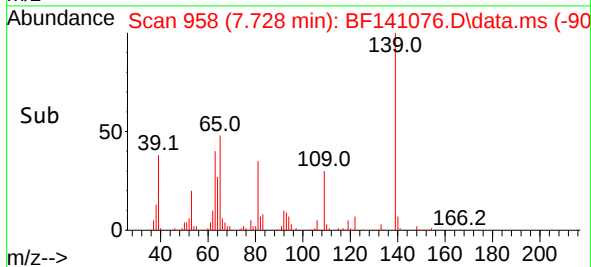
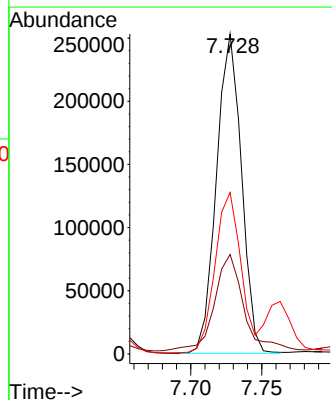
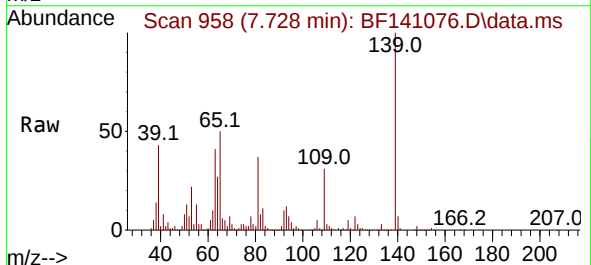
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MSD

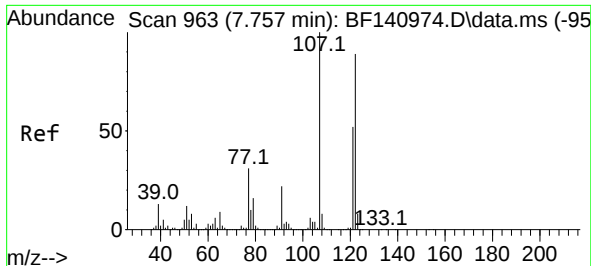
Tgt Ion: 82 Resp: 1229577
Ion Ratio Lower Upper
82 100
95 8.4 5.6 8.4
138 18.3 14.6 21.8



#26
2-Nitrophenol
Concen: 49.922 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

Tgt Ion:139 Resp: 308907
Ion Ratio Lower Upper
139 100
109 31.1 22.2 33.4
65 50.5 40.2 60.4





#27

2,4-Dimethylphenol

Concen: 49.045 ng

RT: 7.763 min Scan# 9

Delta R.T. 0.006 min

Lab File: BF141076.D

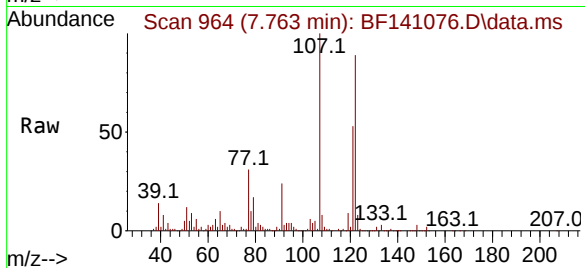
Acq: 06 Jan 2025 15:19

Instrument :

BNA_F

ClientSampleId :

SU-03-1-03-2025MSD



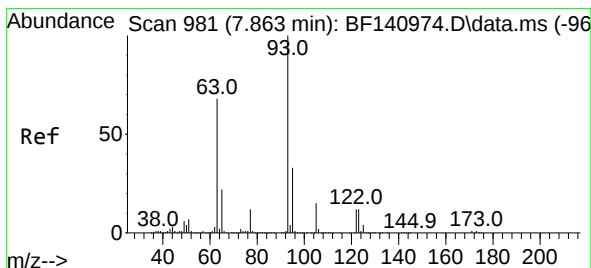
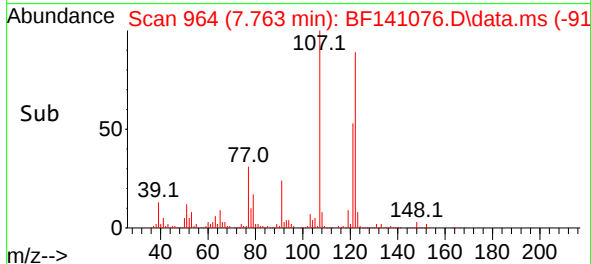
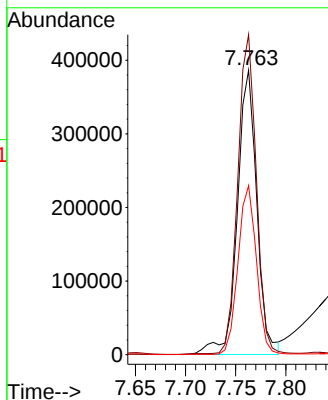
Tgt Ion:122 Resp: 524552

Ion Ratio Lower Upper

122 100

107 112.5 89.4 134.2

121 59.4 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 39.950 ng

RT: 7.863 min Scan# 981

Delta R.T. -0.000 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

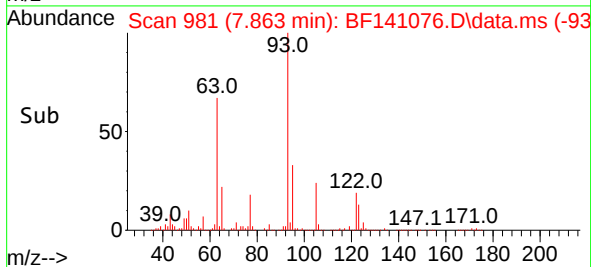
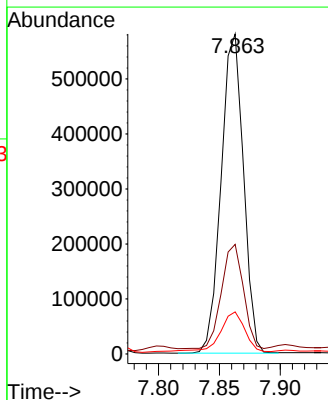
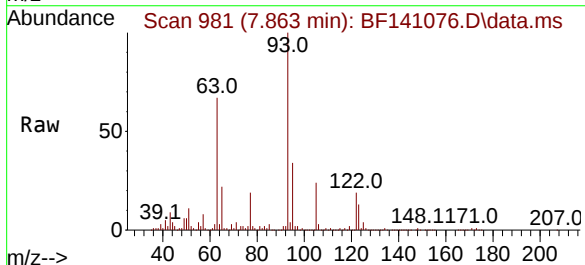
Tgt Ion: 93 Resp: 740739

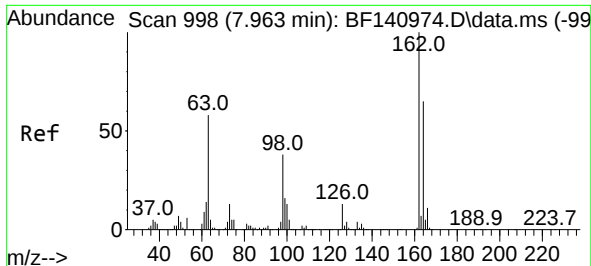
Ion Ratio Lower Upper

93 100

95 34.2 26.2 39.4

123 13.2 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 41.271 ng

RT: 7.969 min Scan# 998

Delta R.T. 0.006 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

Instrument :

BNA_F

ClientSampleId :

SU-03-1-03-2025MSD

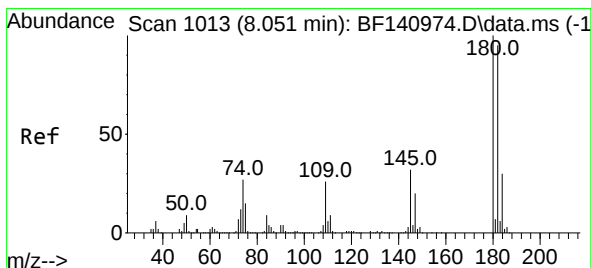
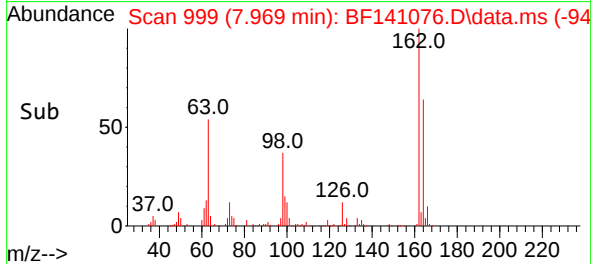
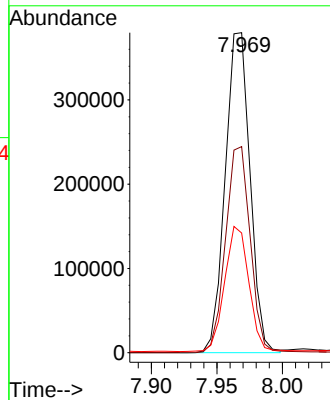
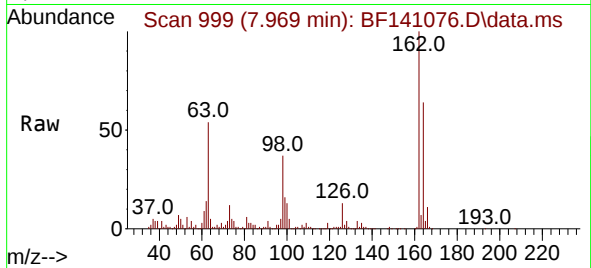
Tgt Ion:162 Resp: 500612

Ion Ratio Lower Upper

162 100

164 64.4 44.8 84.8

98 37.4 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 38.306 ng

RT: 8.051 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

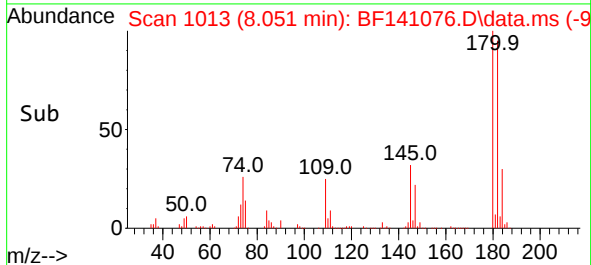
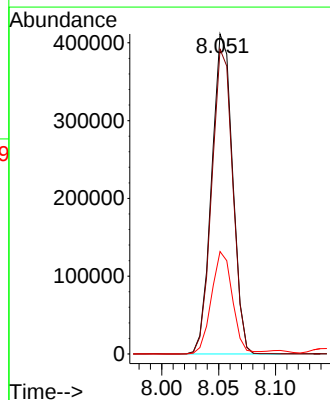
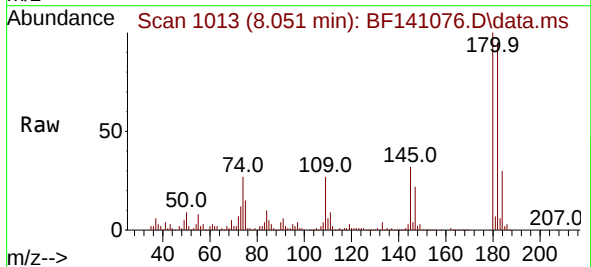
Tgt Ion:180 Resp: 525916

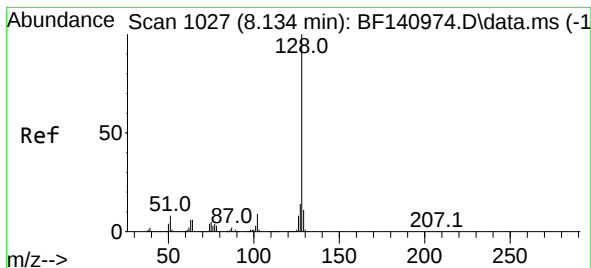
Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.4

145 32.0 25.4 38.2





#31

Naphthalene

Concen: 39.022 ng

RT: 8.134 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

Instrument :

BNA_F

ClientSampleId :

SU-03-1-03-2025MSD

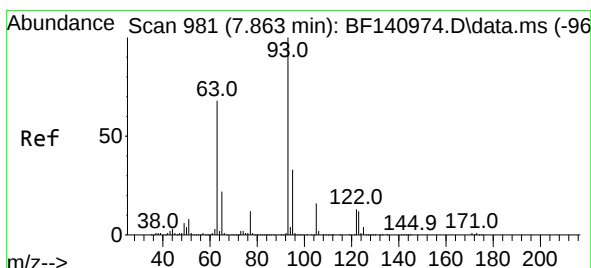
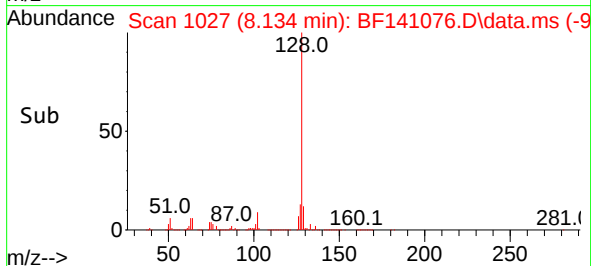
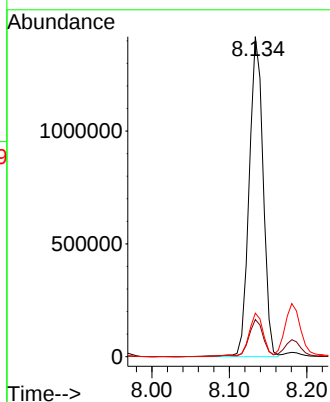
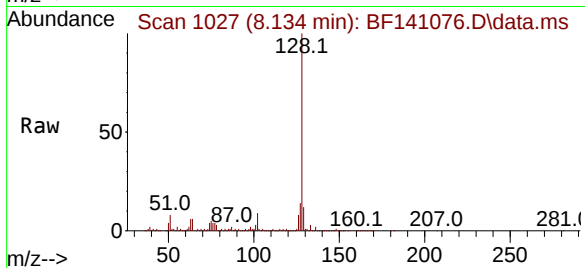
Tgt Ion:128 Resp: 1769188

Ion Ratio Lower Upper

128 100

129 11.6 9.2 13.8

127 13.6 11.0 16.4



#32

Benzoic acid

Concen: 44.678 ng

RT: 7.869 min Scan# 982

Delta R.T. 0.006 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

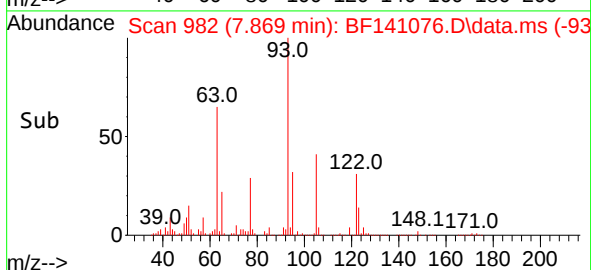
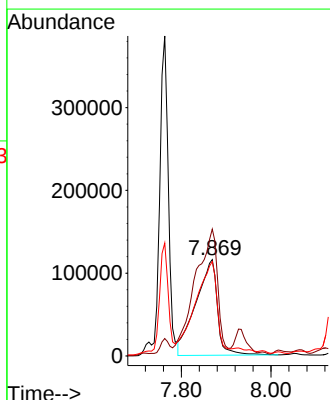
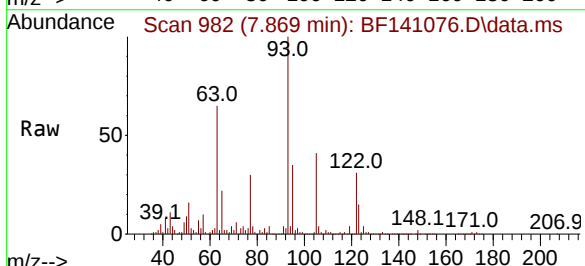
Tgt Ion:122 Resp: 387655

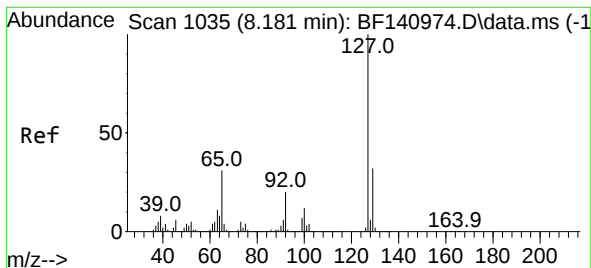
Ion Ratio Lower Upper

122 100

105 131.6 105.4 145.4

77 97.9 76.4 116.4





#33

4-Chloroaniline

Concen: 20.191 ng

RT: 8.181 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

Instrument :

BNA_F

ClientSampleId :

SU-03-1-03-2025MSD

Tgt Ion:127 Resp: 331164

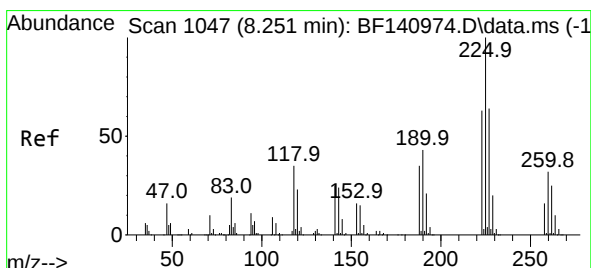
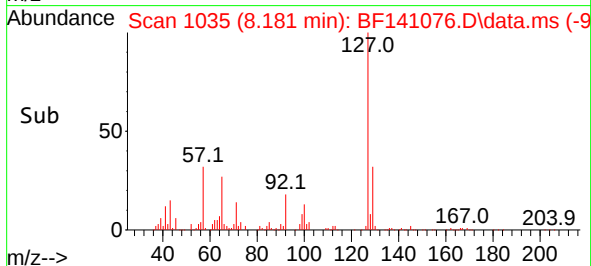
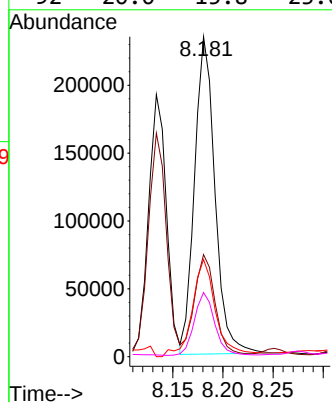
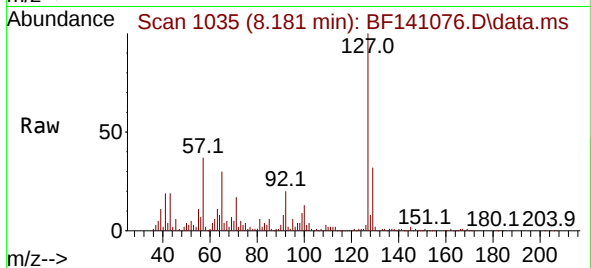
Ion Ratio Lower Upper

127 100

129 31.9 26.1 39.1

65 30.4 24.6 37.0

92 20.0 15.8 23.6



#34

Hexachlorobutadiene

Concen: 40.049 ng

RT: 8.251 min Scan# 1047

Delta R.T. -0.000 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

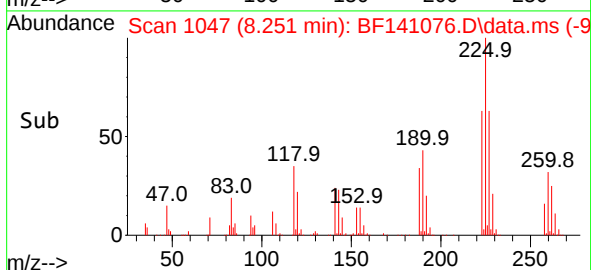
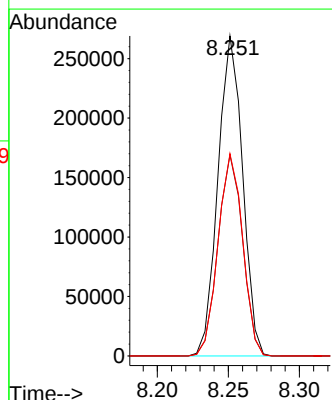
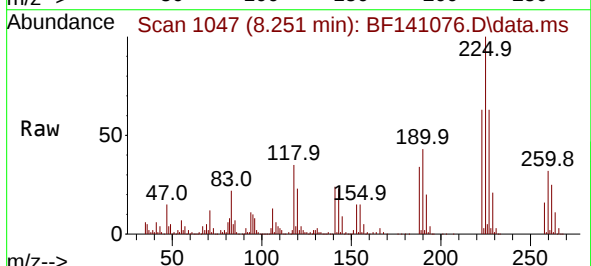
Tgt Ion:225 Resp: 324150

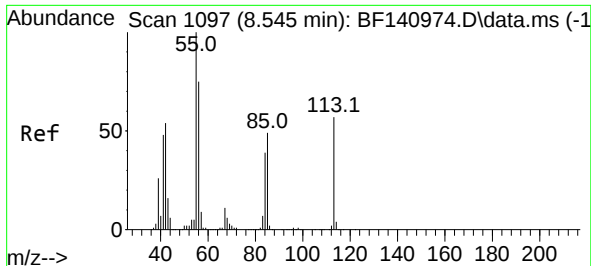
Ion Ratio Lower Upper

225 100

223 62.8 50.3 75.5

227 63.2 50.8 76.2

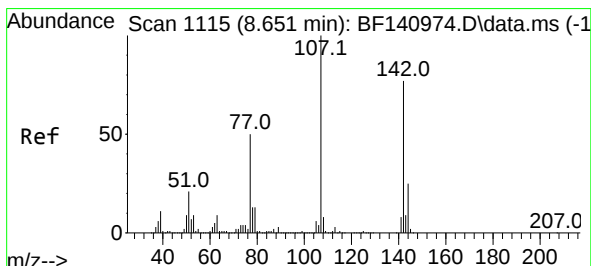
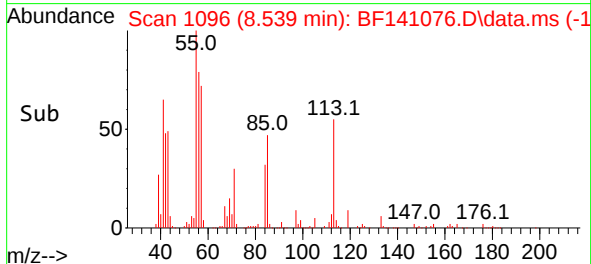
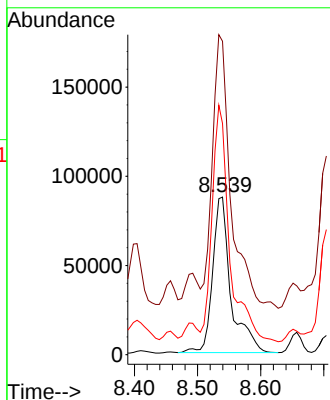
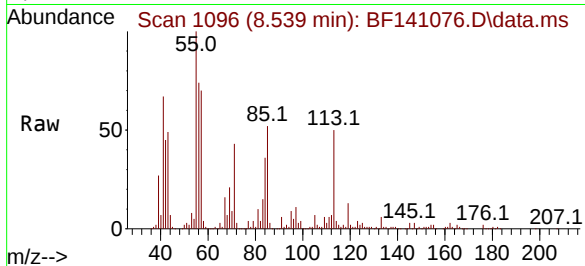




#35
 Caprolactam
 Concen: 42.591 ng
 RT: 8.539 min Scan# 1096
 Delta R.T. -0.006 min
 Lab File: BF141076.D
 Acq: 06 Jan 2025 15:19

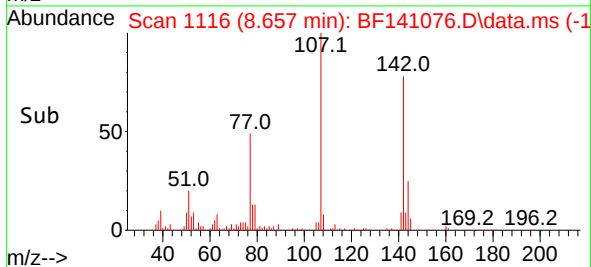
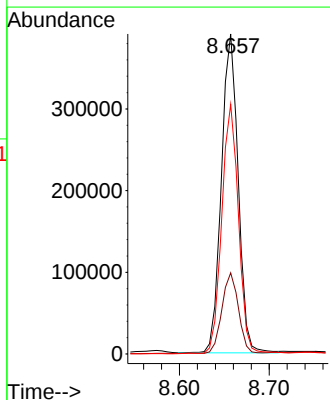
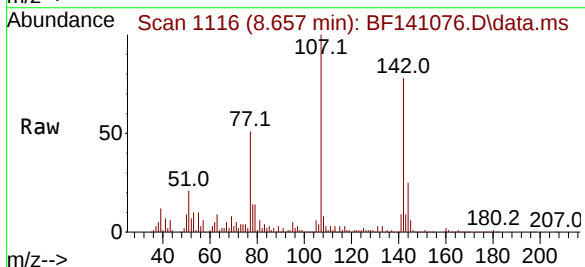
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-1-03-2025MSD

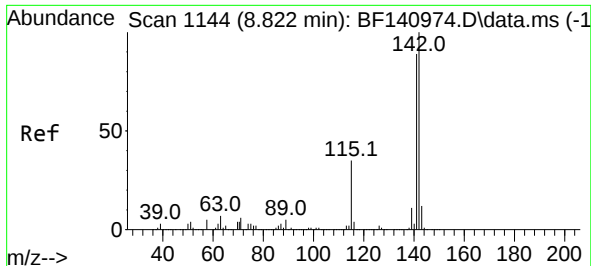
Tgt Ion:113 Resp: 175631
 Ion Ratio Lower Upper
 113 100
 55 198.9 156.6 196.6#
 56 146.7 111.7 151.7



#36
 4-Chloro-3-methylphenol
 Concen: 37.581 ng
 RT: 8.657 min Scan# 1116
 Delta R.T. 0.006 min
 Lab File: BF141076.D
 Acq: 06 Jan 2025 15:19

Tgt Ion:107 Resp: 506251
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.9 29.9
 142 78.0 61.8 92.8

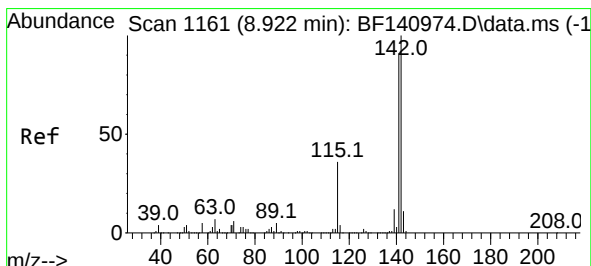
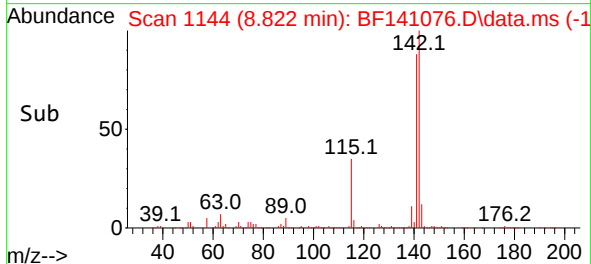
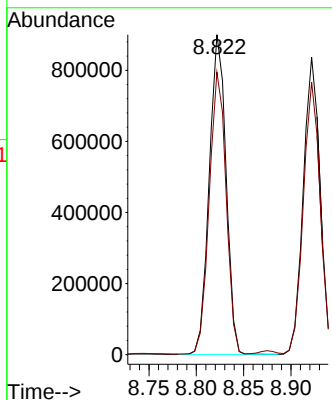
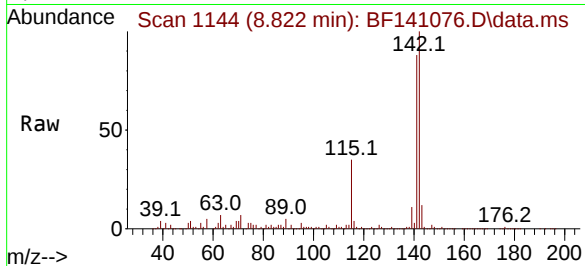




#37
2-Methylnaphthalene
Concen: 38.339 ng
RT: 8.822 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

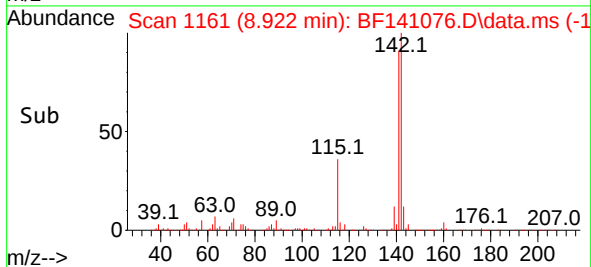
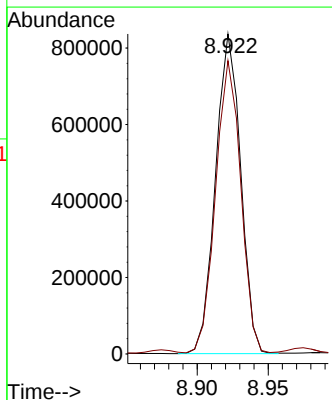
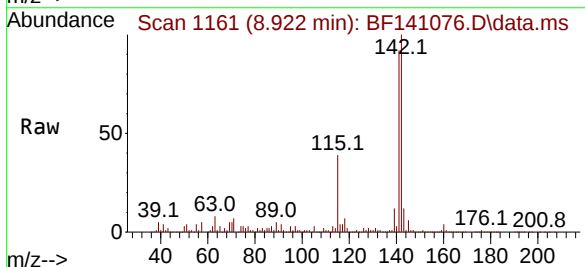
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MSD

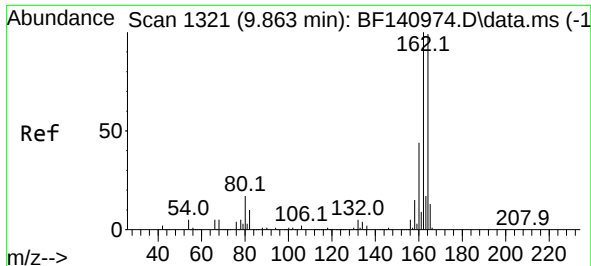
Tgt Ion:142 Resp: 1111983
Ion Ratio Lower Upper
142 100
141 88.3 71.1 106.7



#38
1-Methylnaphthalene
Concen: 36.102 ng
RT: 8.922 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

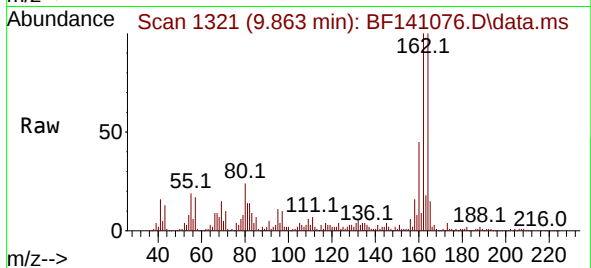
Tgt Ion:142 Resp: 1029082
Ion Ratio Lower Upper
142 100
141 91.6 72.7 109.1



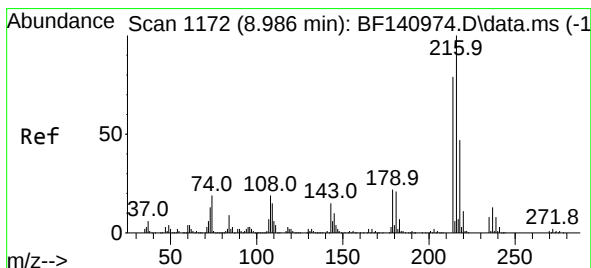
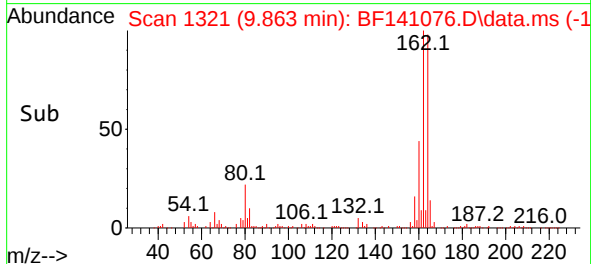
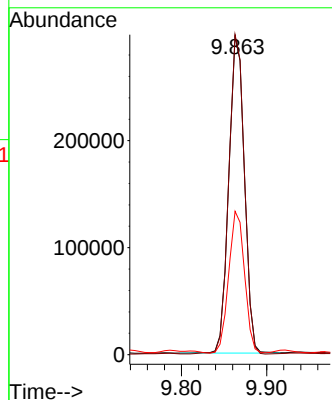


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MSD

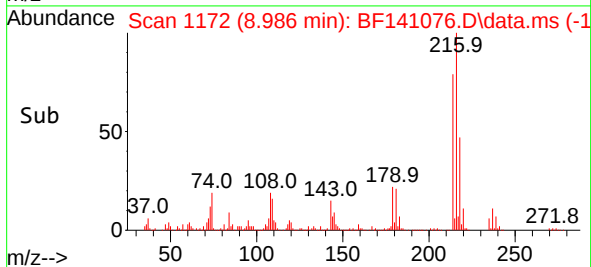
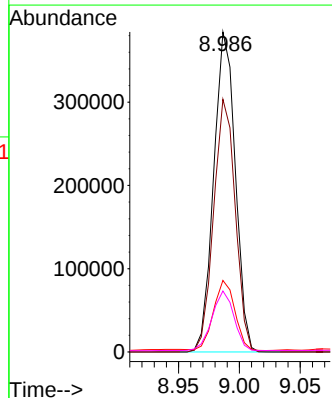
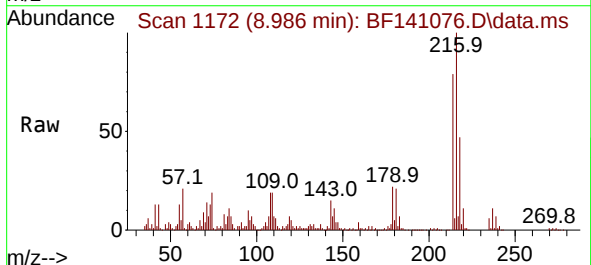


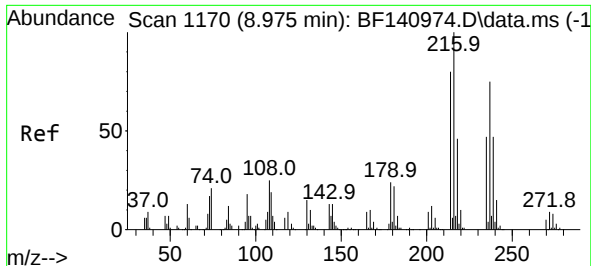
Tgt Ion:164 Resp: 377155
Ion Ratio Lower Upper
164 100
162 100.5 80.6 120.8
160 45.0 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.760 ng
RT: 8.986 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

Tgt Ion:216 Resp: 474804
Ion Ratio Lower Upper
216 100
214 78.9 63.0 94.6
179 21.8 17.9 26.9
108 19.2 16.2 24.2

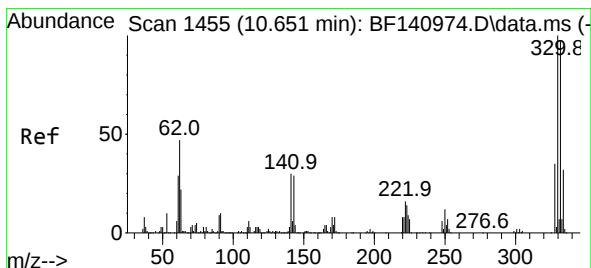
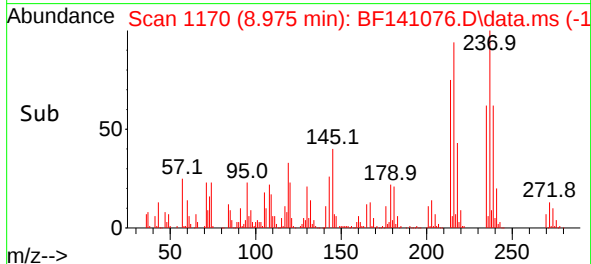
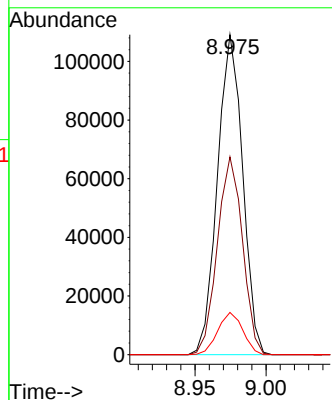
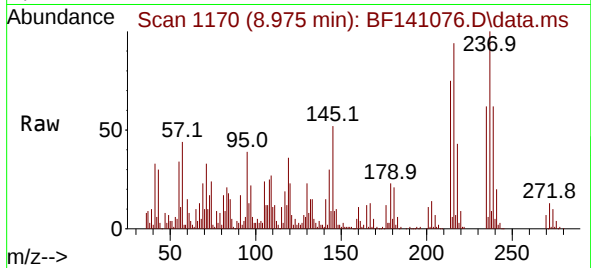




#41
Hexachlorocyclopentadiene
Concen: 39.133 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

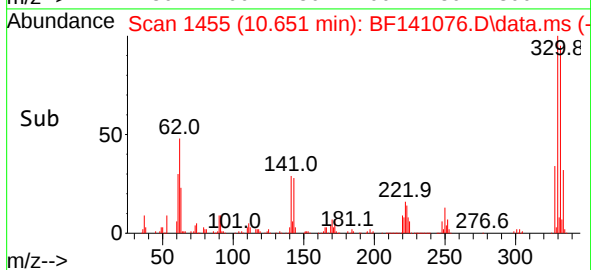
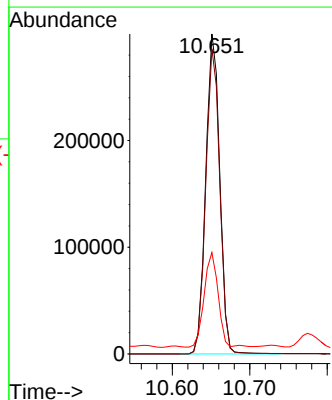
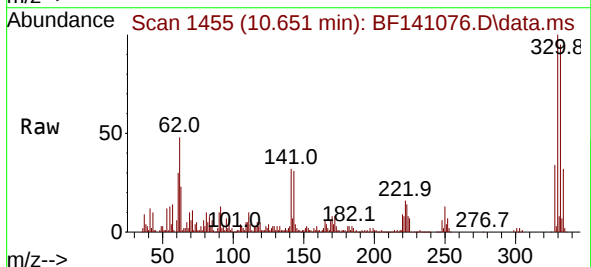
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MSD

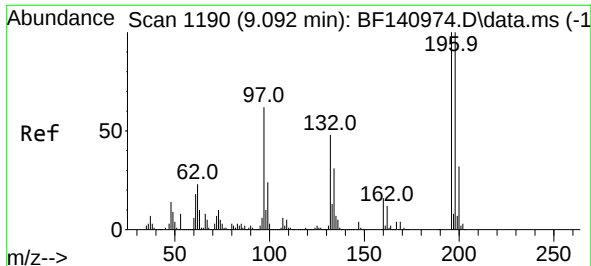
Tgt Ion:237 Resp: 134559
Ion Ratio Lower Upper
237 100
235 61.8 43.4 83.4
272 13.2 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 102.578 ng
RT: 10.651 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

Tgt Ion:330 Resp: 375930
Ion Ratio Lower Upper
330 100
332 95.6 78.0 117.0
141 29.3 26.4 39.6

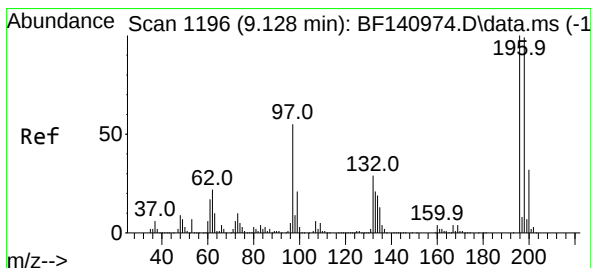
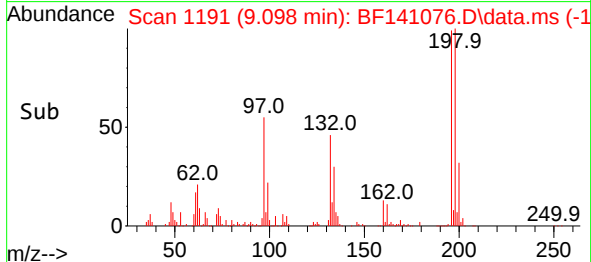
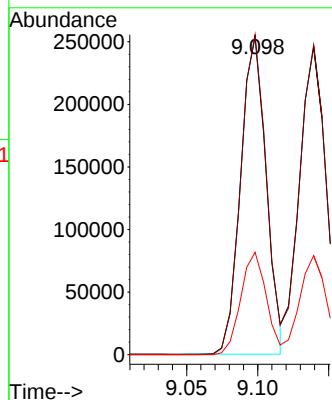
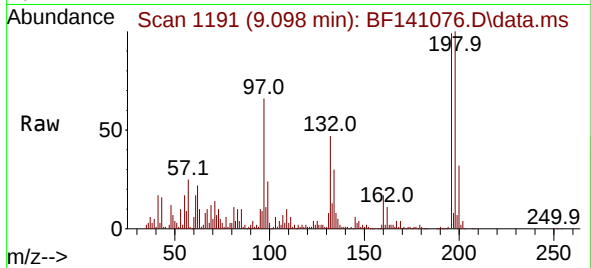




#43
 2,4,6-Trichlorophenol
 Concen: 45.889 ng
 RT: 9.098 min Scan# 1190
 Delta R.T. 0.006 min
 Lab File: BF141076.D
 Acq: 06 Jan 2025 15:19

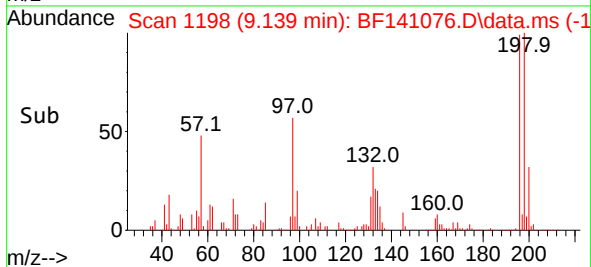
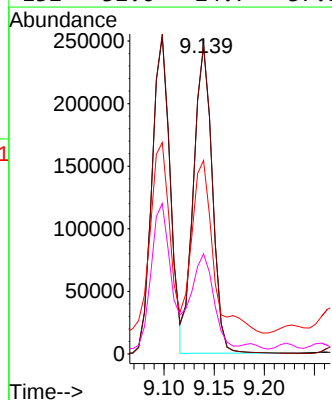
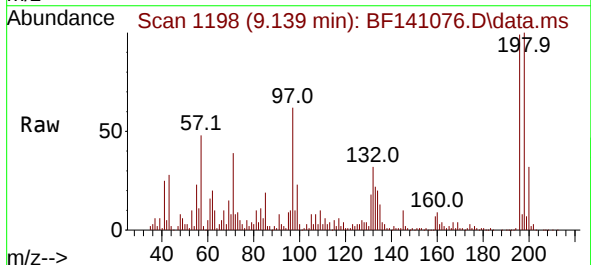
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-1-03-2025MSD

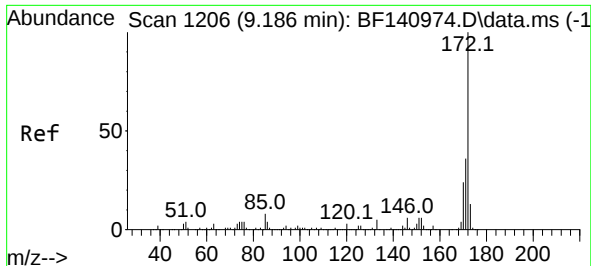
Tgt Ion:196 Resp: 316900
 Ion Ratio Lower Upper
 196 100
 198 100.8 80.2 120.4
 200 32.3 25.8 38.6



#44
 2,4,5-Trichlorophenol
 Concen: 45.131 ng
 RT: 9.139 min Scan# 1198
 Delta R.T. 0.012 min
 Lab File: BF141076.D
 Acq: 06 Jan 2025 15:19

Tgt Ion:196 Resp: 318893
 Ion Ratio Lower Upper
 196 100
 198 100.7 79.9 119.9
 97 62.9 44.3 66.5
 132 32.6 24.7 37.1

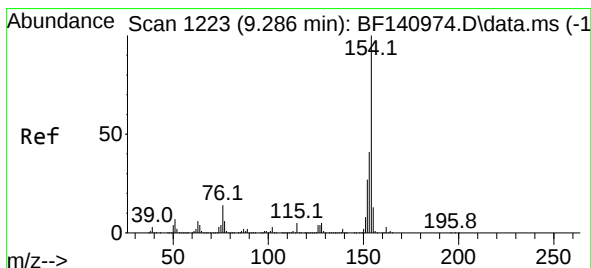
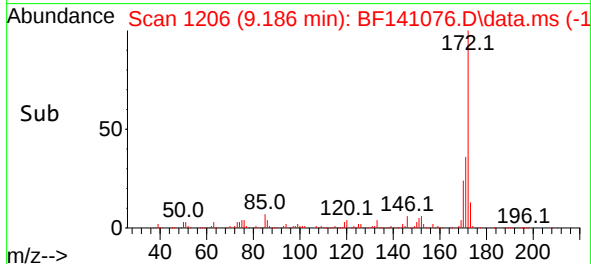
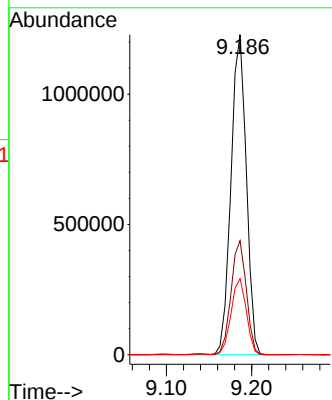
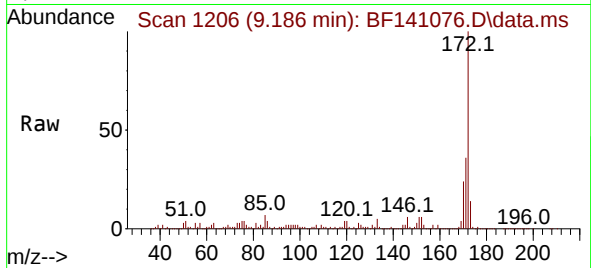




#45
2-Fluorobiphenyl
Concen: 64.950 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

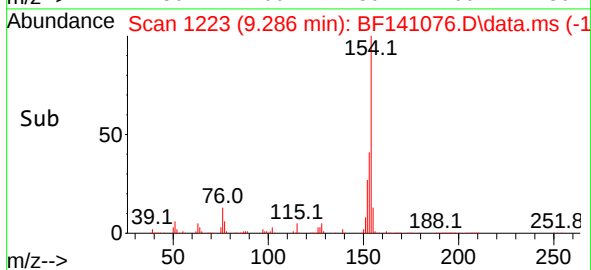
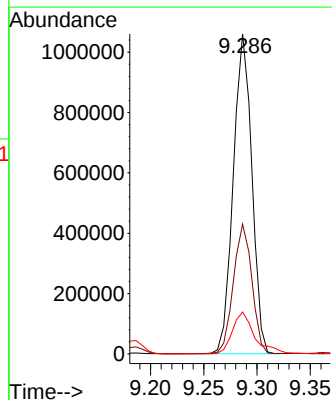
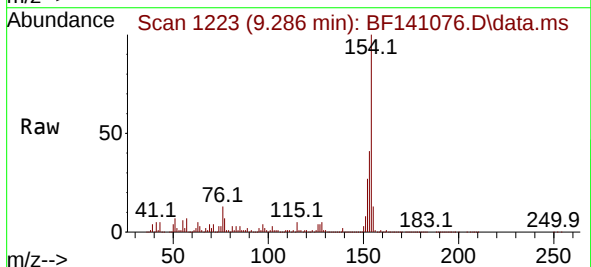
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MSD

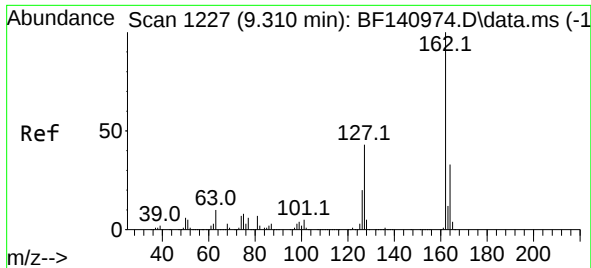
Tgt Ion:172 Resp: 1537515
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.4
170 23.7 19.6 29.4



#46
1,1'-Biphenyl
Concen: 44.436 ng
RT: 9.286 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

Tgt Ion:154 Resp: 1283256
Ion Ratio Lower Upper
154 100
153 40.5 20.9 60.9
76 13.1 0.0 34.0

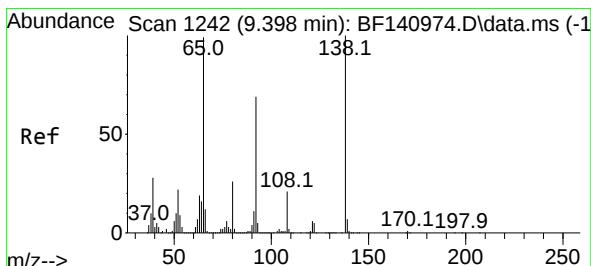
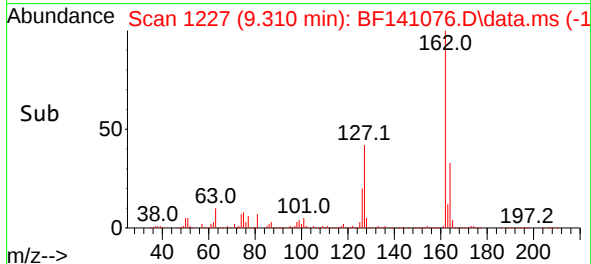
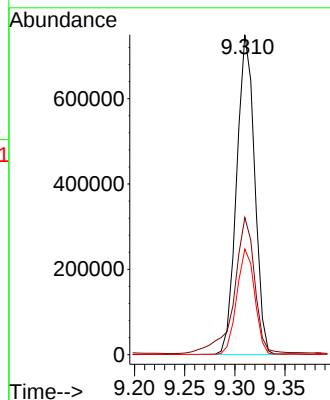
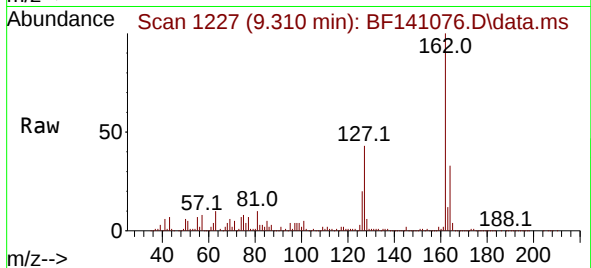




#47
2-Chloronaphthalene
Concen: 41.650 ng
RT: 9.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

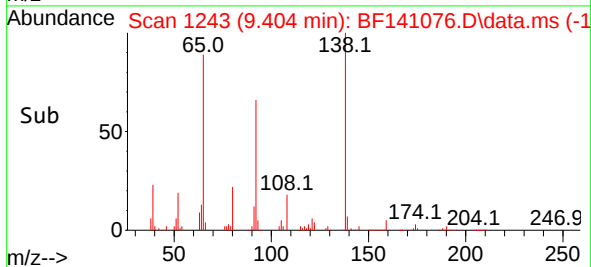
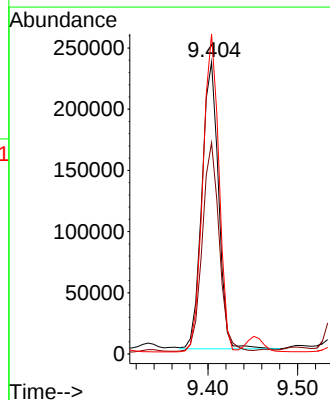
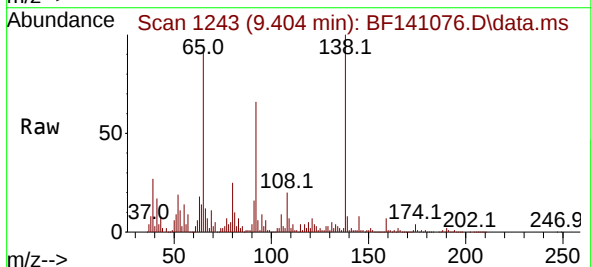
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MSD

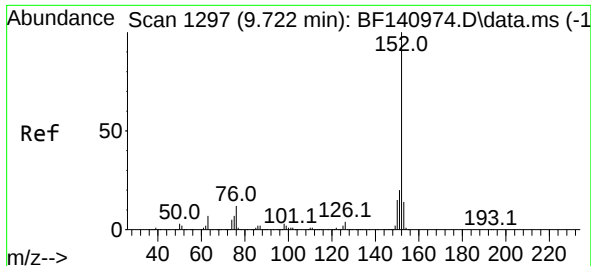
Tgt Ion:162 Resp: 932843
Ion Ratio Lower Upper
162 100
127 42.9 34.2 51.4
164 33.0 26.6 40.0



#48
2-Nitroaniline
Concen: 51.007 ng
RT: 9.404 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

Tgt Ion: 65 Resp: 300753
Ion Ratio Lower Upper
65 100
92 72.4 55.6 83.4
138 109.7 80.5 120.7

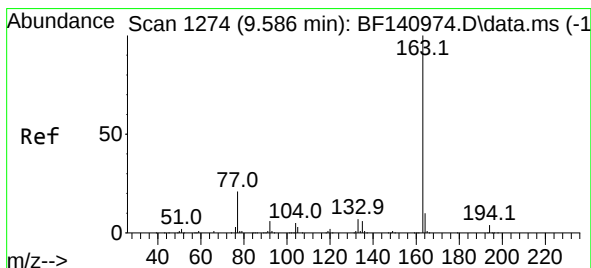
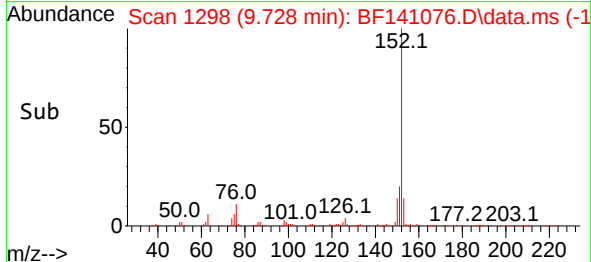
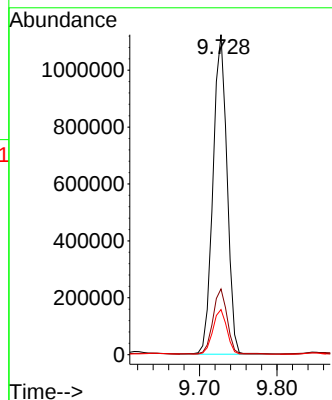
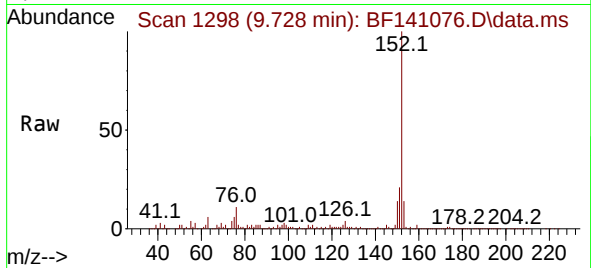




#49
Acenaphthylene
Concen: 43.706 ng
RT: 9.728 min Scan# 1297
Delta R.T. 0.006 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

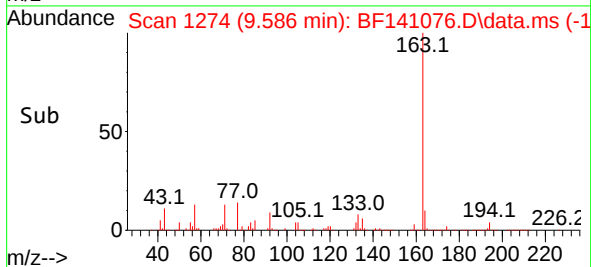
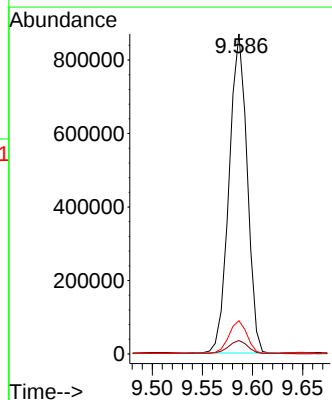
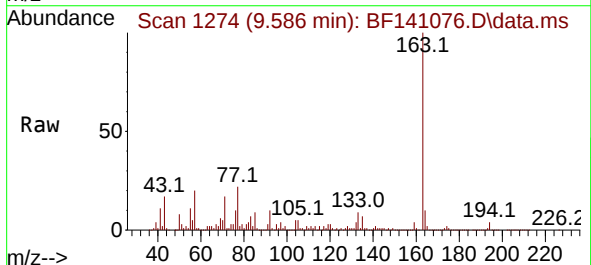
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MSD

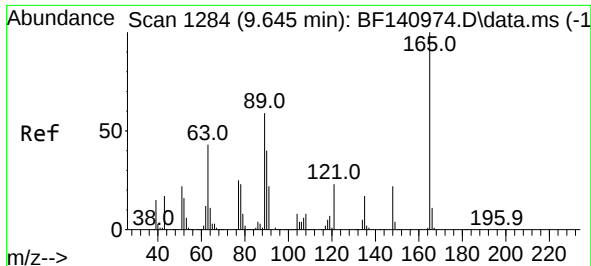
Tgt Ion:152 Resp: 1409159
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 14.1 11.4 17.0



#50
Dimethylphthalate
Concen: 43.699 ng
RT: 9.586 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

Tgt Ion:163 Resp: 1084087
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.4 8.3 12.5

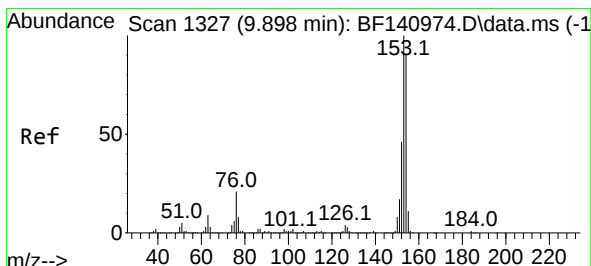
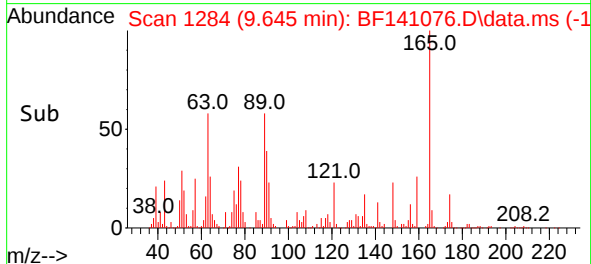
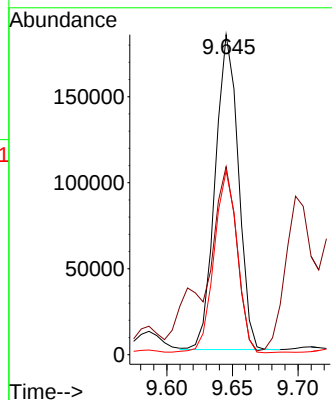
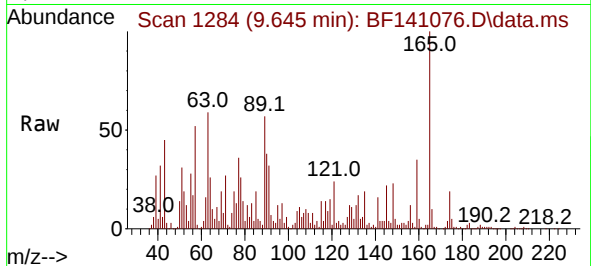




#51
2,6-Dinitrotoluene
Concen: 44.672 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

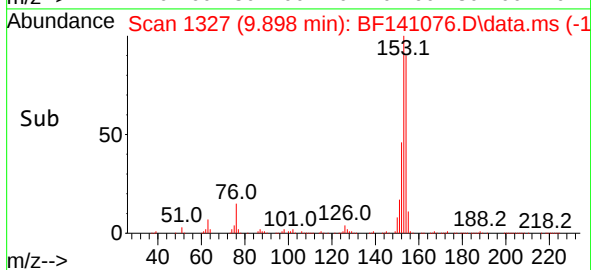
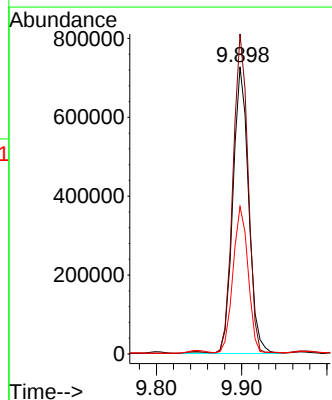
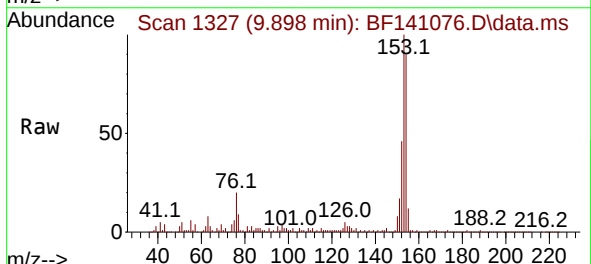
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MSD

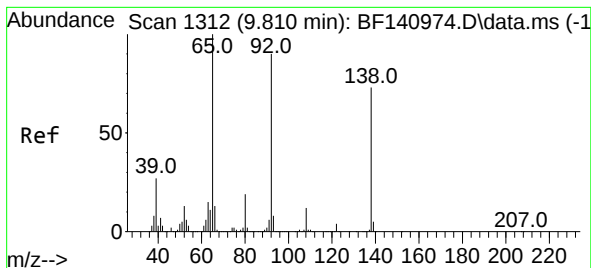
Tgt Ion:165 Resp: 224618
Ion Ratio Lower Upper
165 100
63 58.7 47.1 70.7
89 57.4 47.0 70.4



#52
Acenaphthene
Concen: 42.736 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

Tgt Ion:154 Resp: 931517
Ion Ratio Lower Upper
154 100
153 111.5 89.2 133.8
152 51.3 40.9 61.3





#53

3-Nitroaniline

Concen: 36.614 ng

RT: 9.810 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

Instrument :

BNA_F

ClientSampleId :

SU-03-1-03-2025MSD

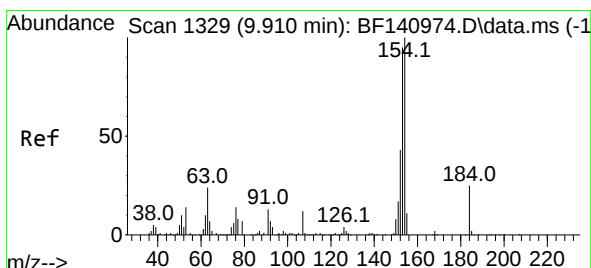
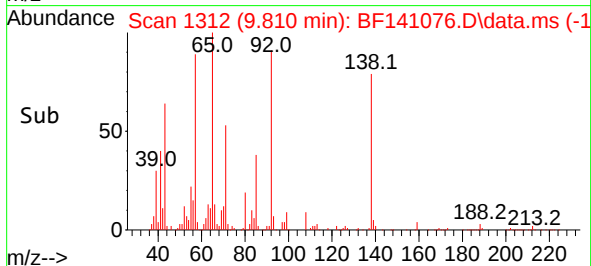
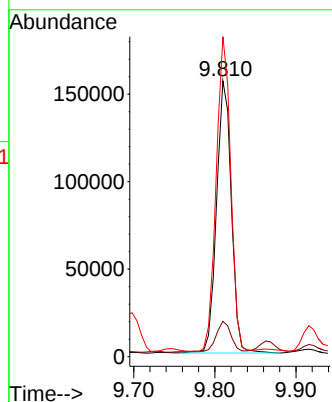
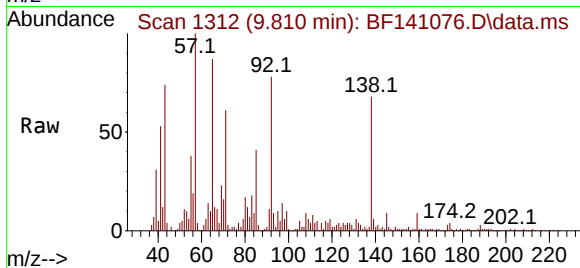
Tgt Ion:138 Resp: 196879

Ion Ratio Lower Upper

138 100

108 12.8 13.5 20.3#

92 116.0 97.7 146.5



#54

2,4-Dinitrophenol

Concen: 45.162 ng

RT: 9.916 min Scan# 1330

Delta R.T. 0.006 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

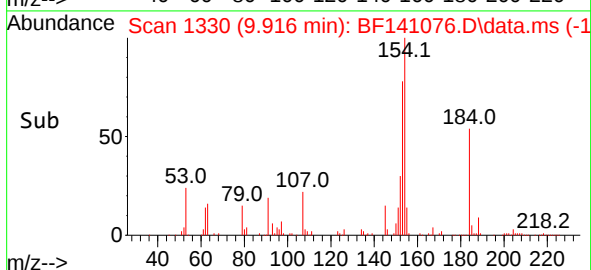
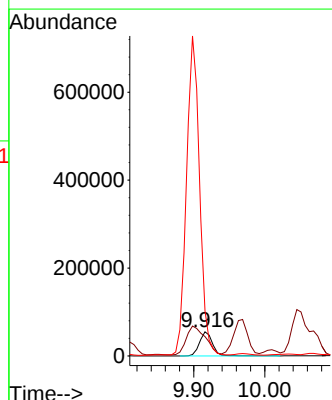
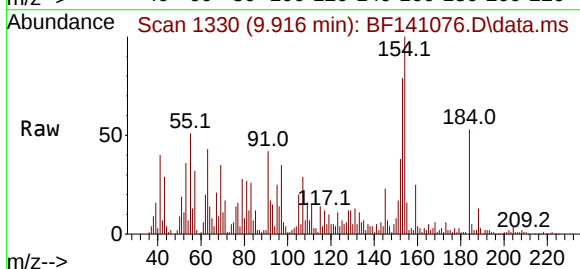
Tgt Ion:184 Resp: 69909

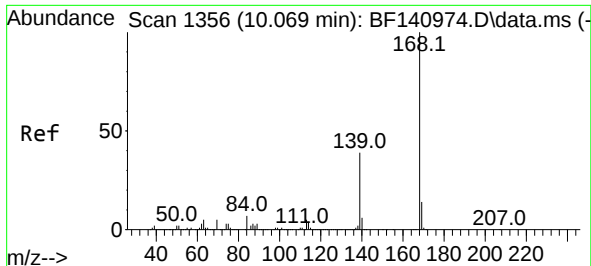
Ion Ratio Lower Upper

184 100

63 80.5 81.6 122.4#

154 187.3 363.5 545.3#

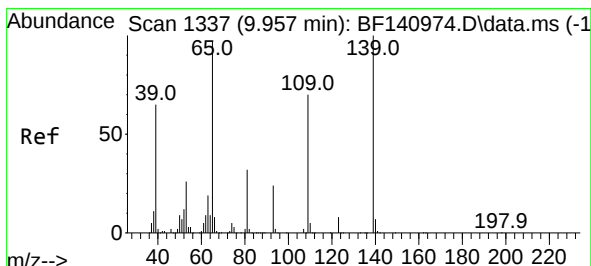
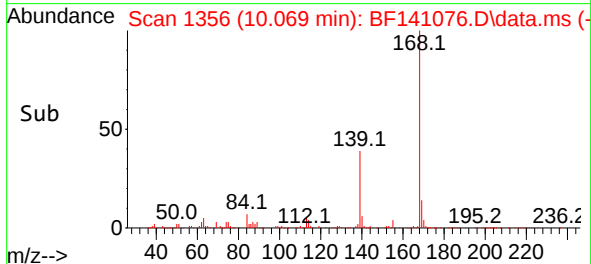
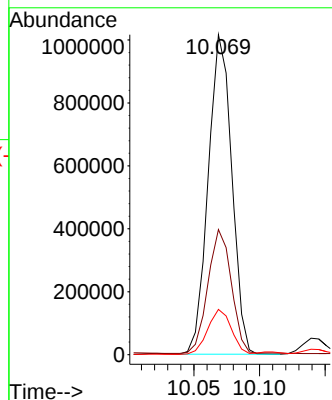
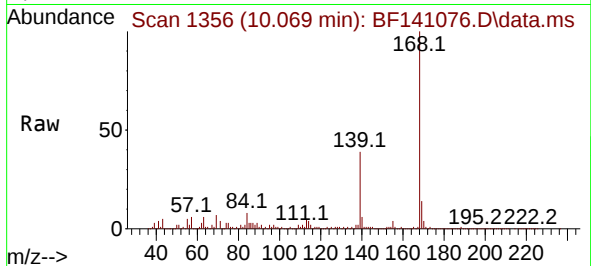




#55
Dibenzofuran
Concen: 41.376 ng
RT: 10.069 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

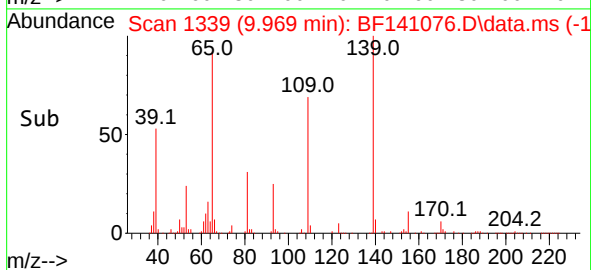
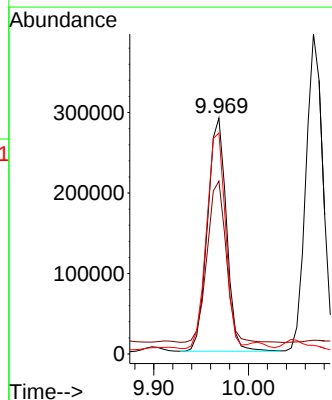
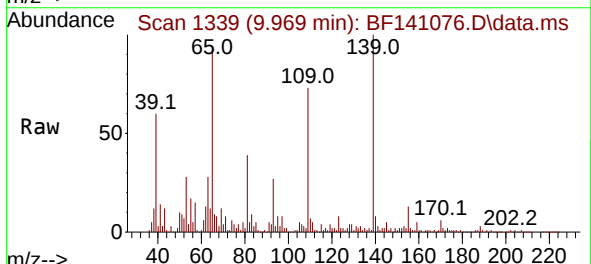
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MSD

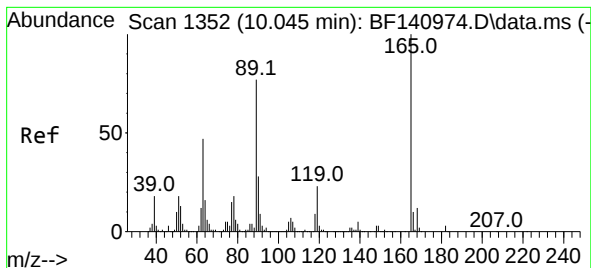
Tgt Ion:168 Resp: 1267462
Ion Ratio Lower Upper
168 100
139 39.1 31.6 47.4
169 14.2 11.0 16.6



#56
4-Nitrophenol
Concen: 94.879 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

Tgt Ion:139 Resp: 402629
Ion Ratio Lower Upper
139 100
109 73.3 50.8 90.8
65 93.6 78.5 118.5

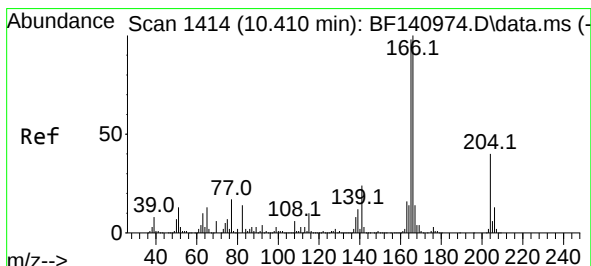
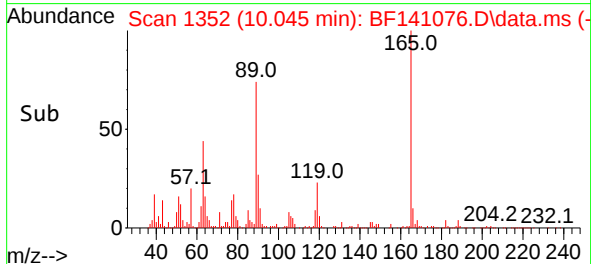
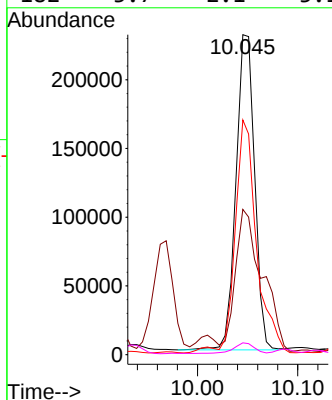
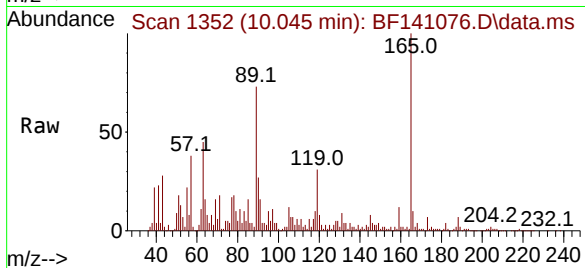




#57
2,4-Dinitrotoluene
Concen: 47.978 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

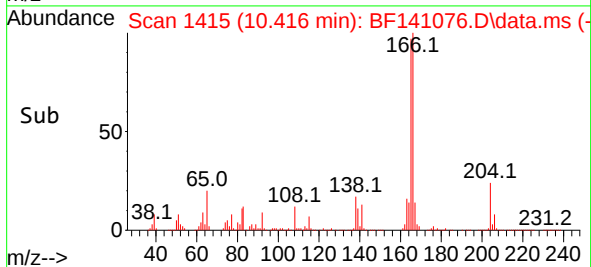
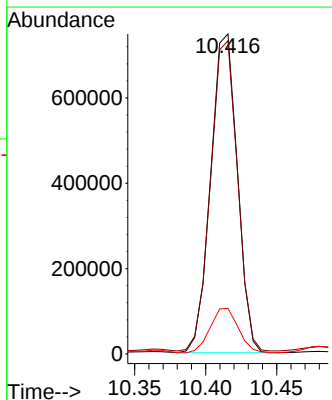
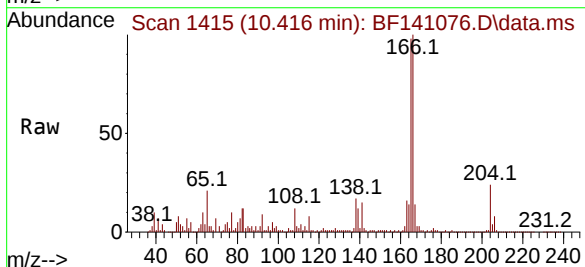
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MSD

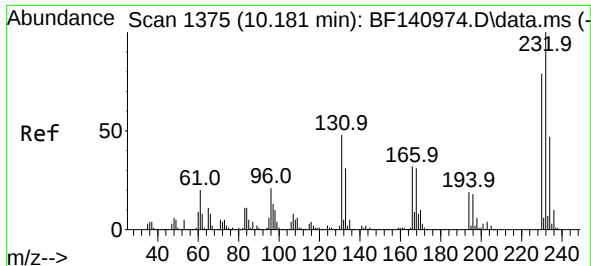
Tgt Ion:165 Resp: 297019
Ion Ratio Lower Upper
165 100
63 45.4 38.1 57.1
89 73.3 61.4 92.2
182 3.7 2.1 3.1#



#58
Fluorene
Concen: 41.191 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

Tgt Ion:166 Resp: 978457
Ion Ratio Lower Upper
166 100
165 97.9 78.3 117.5
167 14.2 10.9 16.3

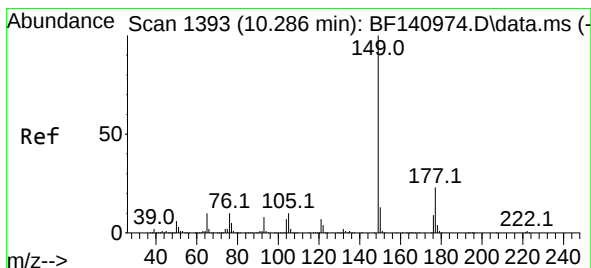
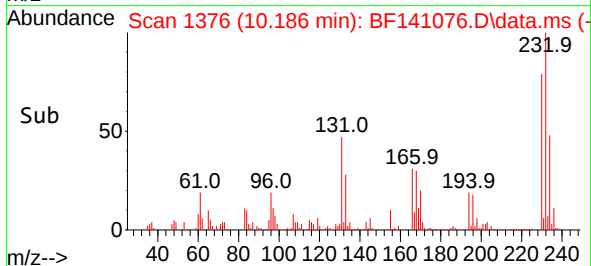
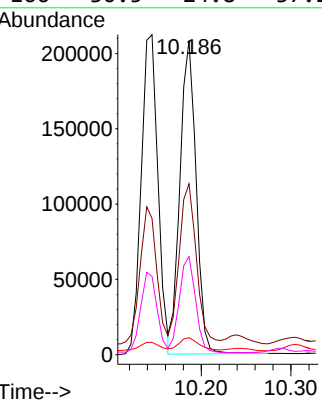
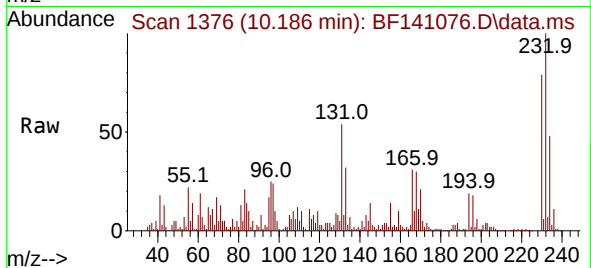




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.518 ng
RT: 10.186 min Scan# 1376
Delta R.T. 0.006 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

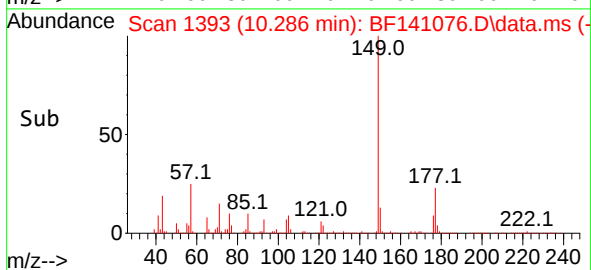
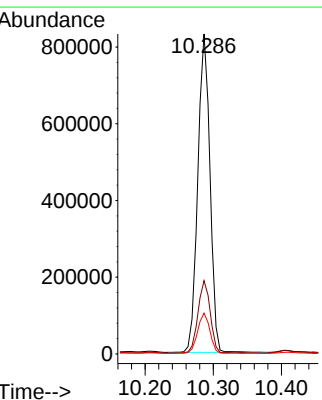
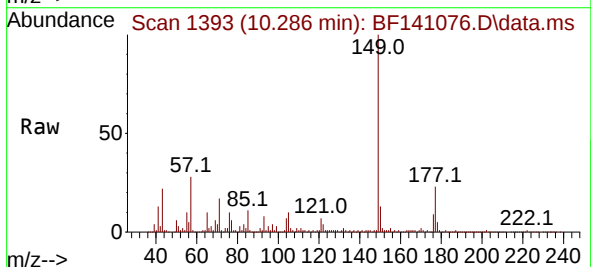
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MSD

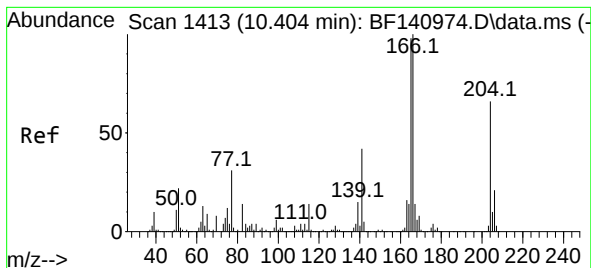
Tgt Ion:232 Resp: 260519
Ion Ratio Lower Upper
232 100
131 52.8 37.4 56.2
130 4.6 1.8 2.8#
166 30.5 24.8 37.2



#60
Diethylphthalate
Concen: 42.041 ng
RT: 10.286 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

Tgt Ion:149 Resp: 1029630
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 12.8 10.4 15.6

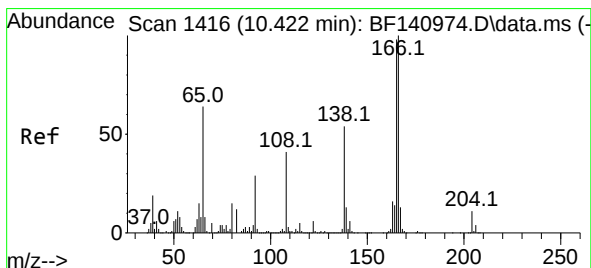
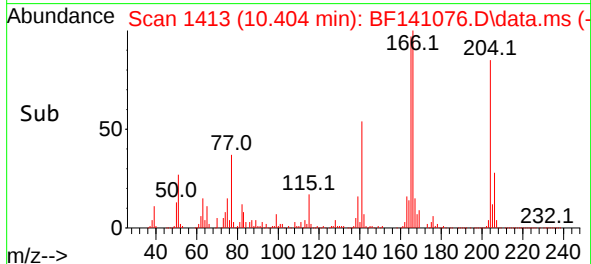
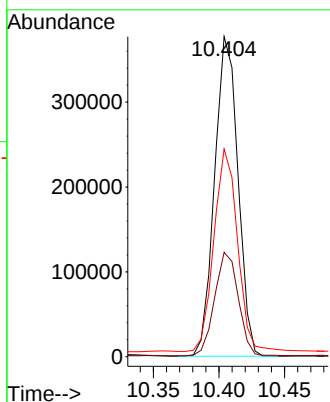
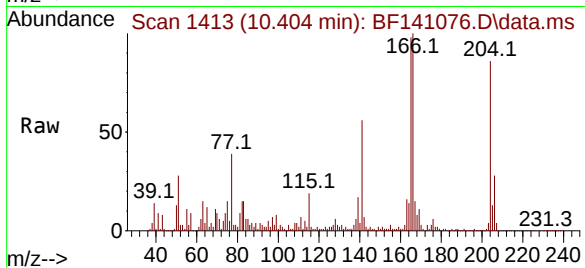




#61
4-Chlorophenyl-phenylether
Concen: 40.818 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

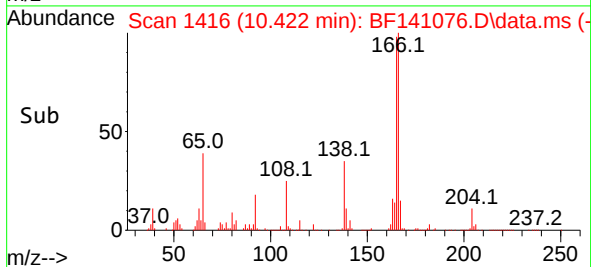
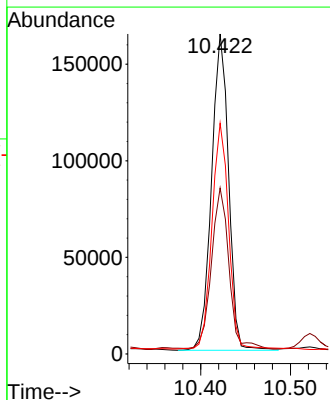
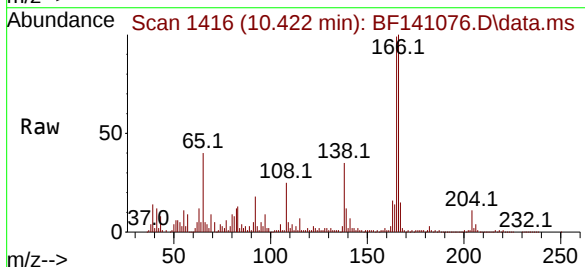
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MSD

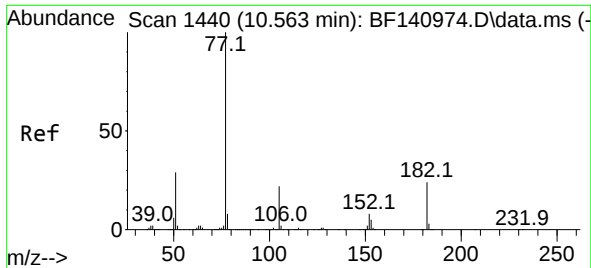
Tgt Ion:204 Resp: 466546
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.6
141 64.9 51.2 76.8



#62
4-Nitroaniline
Concen: 39.871 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

Tgt Ion:138 Resp: 215804
Ion Ratio Lower Upper
138 100
92 51.9 34.8 74.8
108 72.1 55.9 95.9



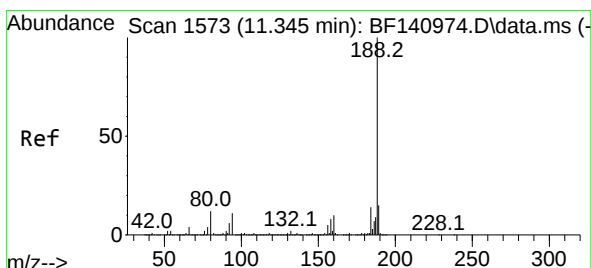
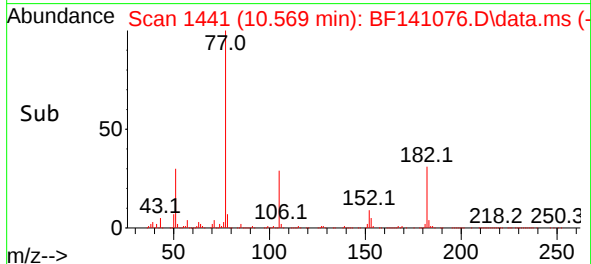
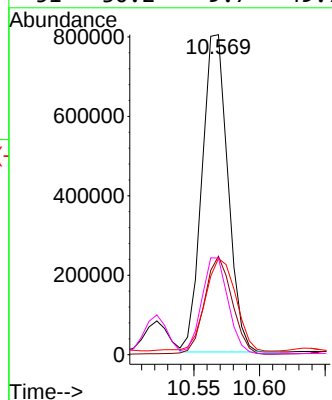
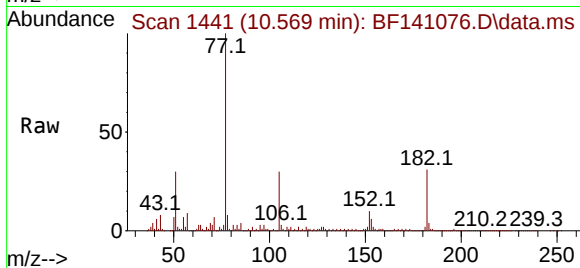


#63
Azobenzene
Concen: 42.733 ng
RT: 10.569 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MSD

Tgt Ion: 77 Resp: 1098527

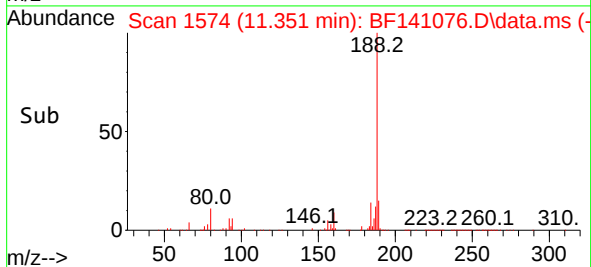
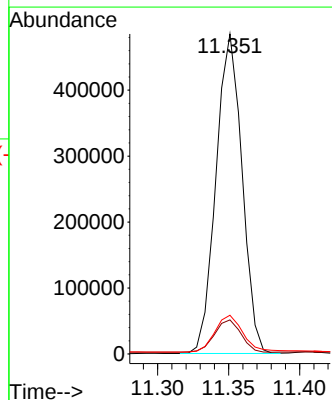
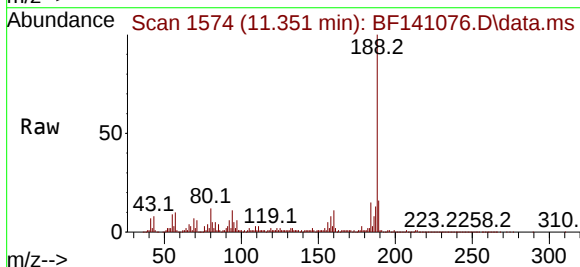
Ion	Ratio	Lower	Upper
77	100		
182	30.8	4.1	44.1
105	30.1	1.8	41.8
51	30.2	9.7	49.7

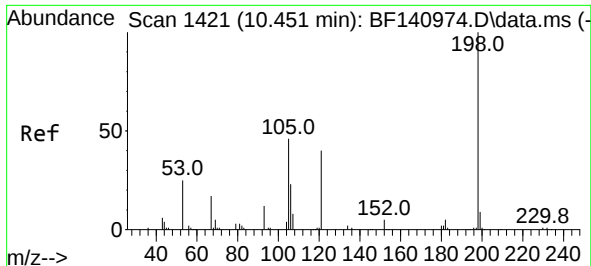


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1574
Delta R.T. 0.006 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

Tgt Ion: 188 Resp: 617908

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.0	13.6
80	12.1	9.8	14.6

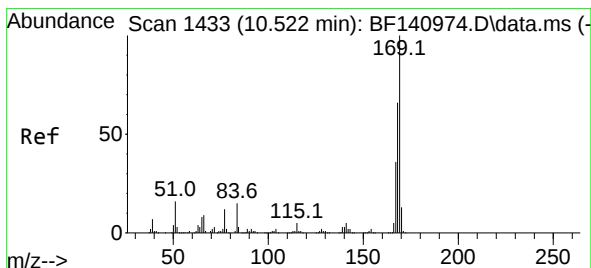
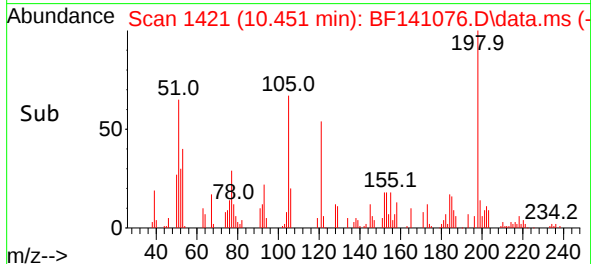
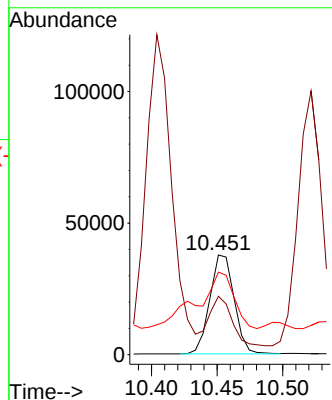
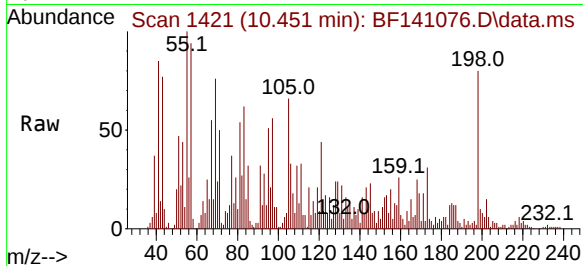




#65
4,6-Dinitro-2-methylphenol
Concen: 25.231 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

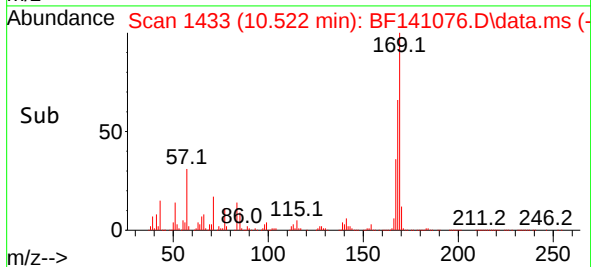
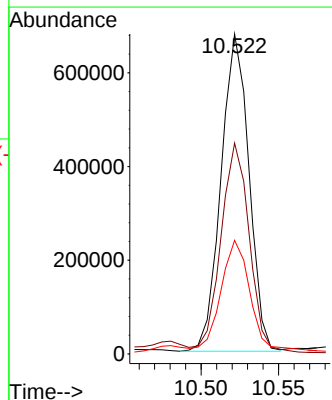
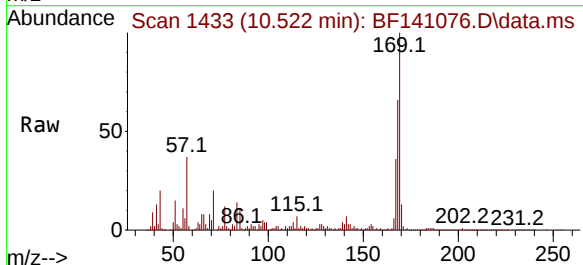
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MSD

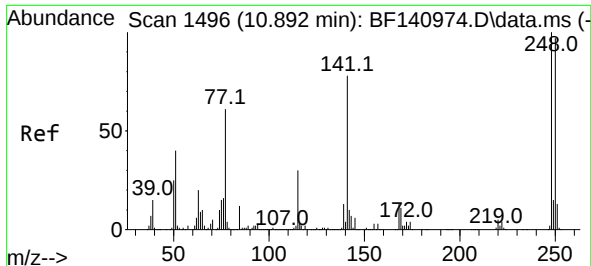
Tgt Ion:198 Resp: 48601
Ion Ratio Lower Upper
198 100
51 58.7 32.3 72.3
105 82.8 28.4 68.4#



#66
n-Nitrosodiphenylamine
Concen: 43.508 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

Tgt Ion:169 Resp: 846577
Ion Ratio Lower Upper
169 100
168 65.9 52.6 79.0
167 35.5 29.0 43.4

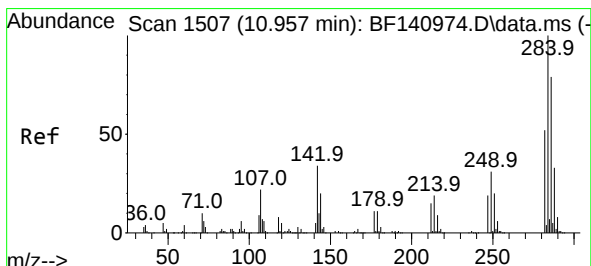
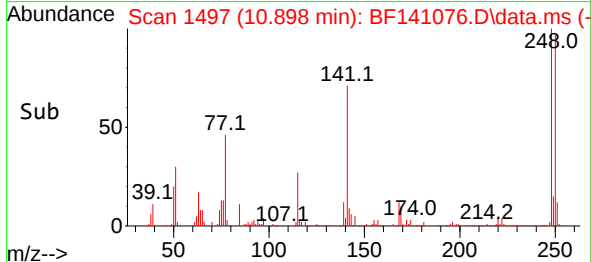
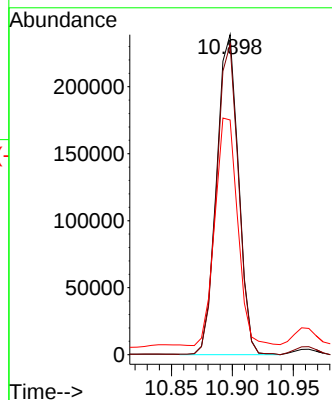
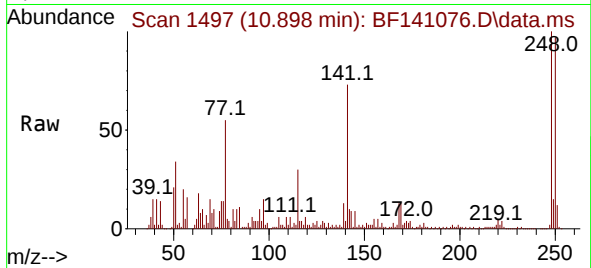




#67
4-Bromophenyl-phenylether
Concen: 44.787 ng
RT: 10.898 min Scan# 1497
Delta R.T. 0.006 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

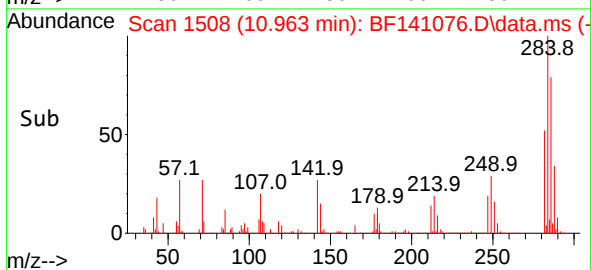
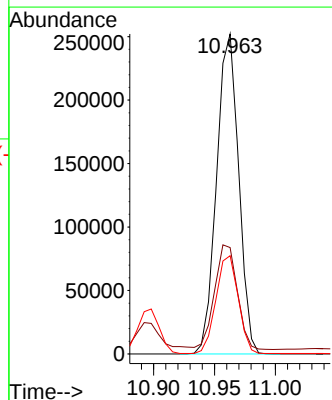
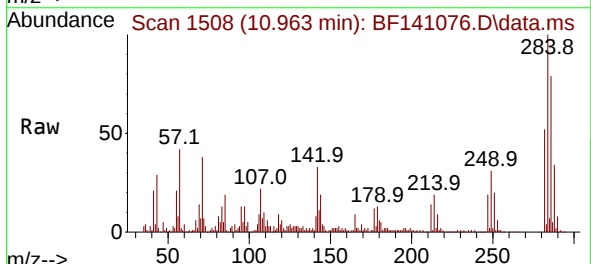
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MSD

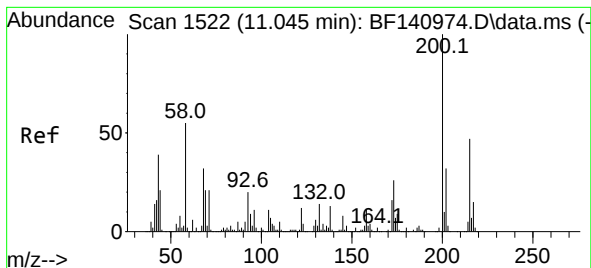
Tgt Ion:248 Resp: 299161
Ion Ratio Lower Upper
248 100
250 97.0 77.7 116.5
141 73.3 62.1 93.1



#68
Hexachlorobenzene
Concen: 43.180 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

Tgt Ion:284 Resp: 318040
Ion Ratio Lower Upper
284 100
142 33.3 27.1 40.7
249 30.7 25.1 37.7





#69

Atrazine

Concen: 53.758 ng

RT: 11.051 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

Instrument :

BNA_F

ClientSampleId :

SU-03-1-03-2025MSD

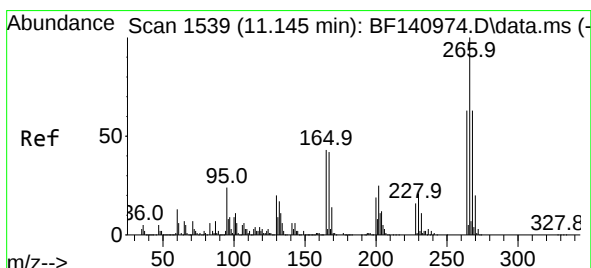
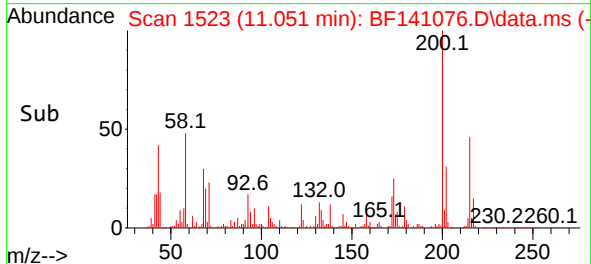
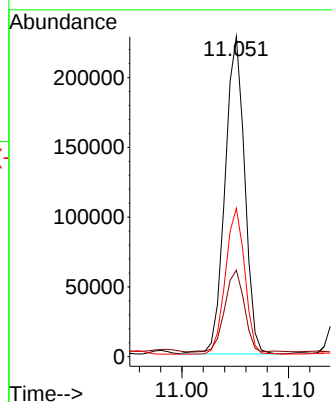
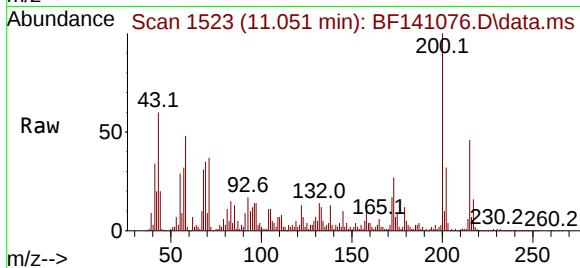
Tgt Ion:200 Resp: 292221

Ion Ratio Lower Upper

200 100

173 27.0 6.4 46.4

215 46.4 27.2 67.2



#70

Pentachlorophenol

Concen: 92.721 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

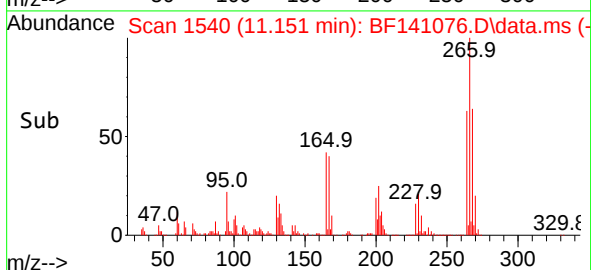
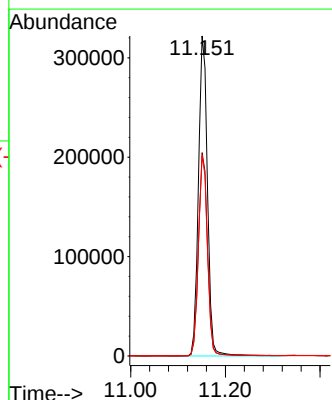
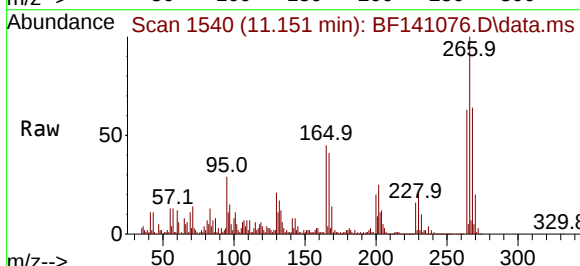
Tgt Ion:266 Resp: 425198

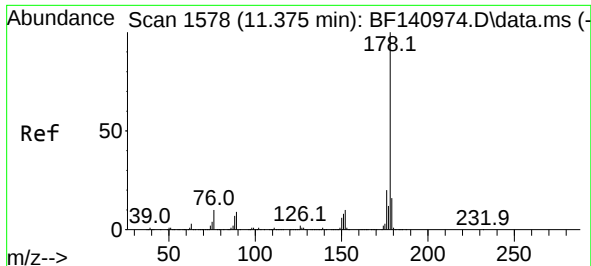
Ion Ratio Lower Upper

266 100

268 63.6 50.5 75.7

264 62.7 50.2 75.4

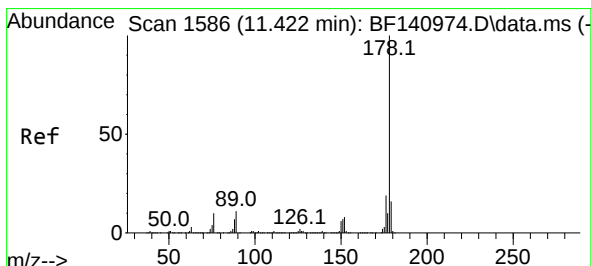
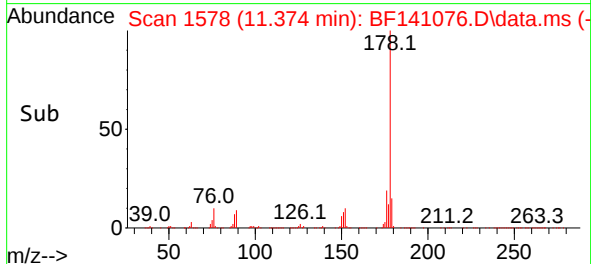
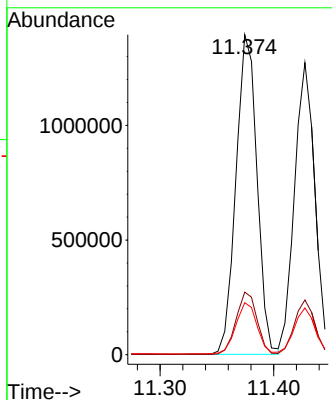
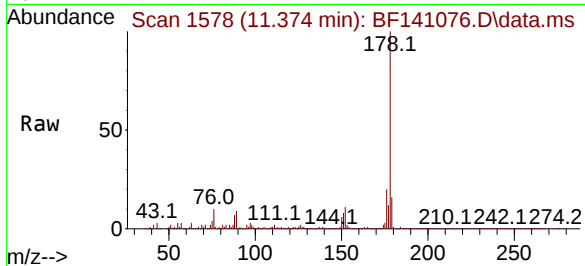




#71
Phenanthrene
Concen: 55.232 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

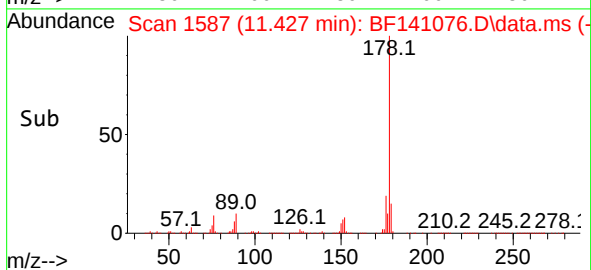
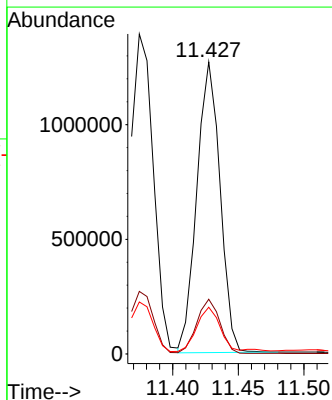
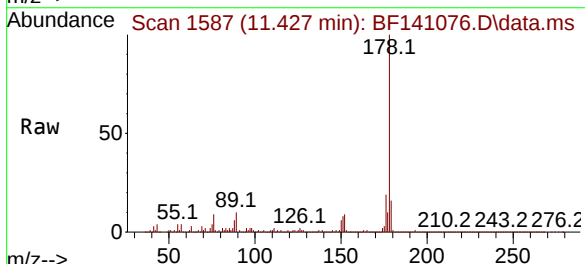
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MSD

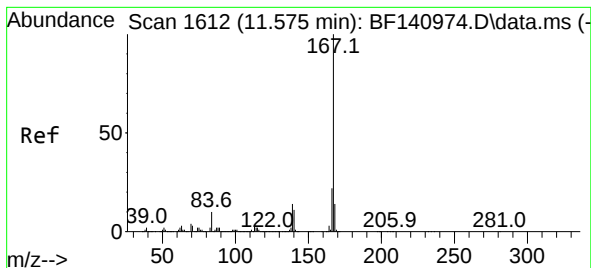
Tgt Ion:178 Resp: 1796193
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 16.2 12.6 19.0



#72
Anthracene
Concen: 49.150 ng
RT: 11.427 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

Tgt Ion:178 Resp: 1566252
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 16.0 12.9 19.3





#73

Carbazole

Concen: 43.699 ng

RT: 11.580 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

Instrument :

BNA_F

ClientSampleId :

SU-03-1-03-2025MSD

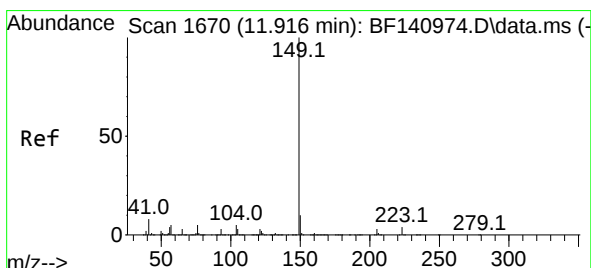
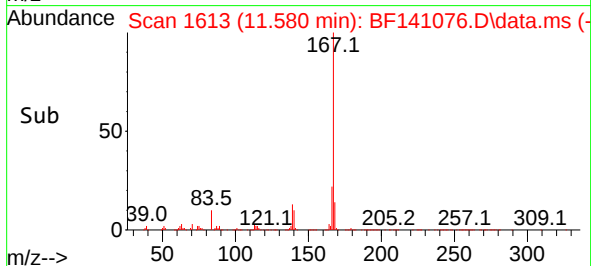
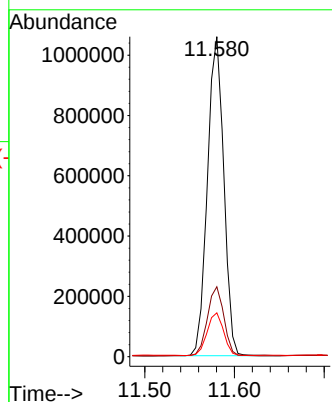
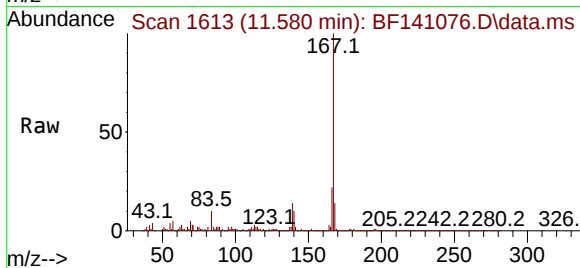
Tgt Ion:167 Resp: 1338663

Ion Ratio Lower Upper

167 100

166 21.9 17.5 26.3

139 13.7 11.0 16.4



#74

Di-n-butylphthalate

Concen: 44.759 ng

RT: 11.916 min Scan# 1670

Delta R.T. -0.000 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

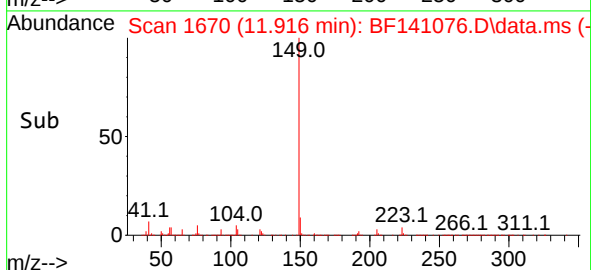
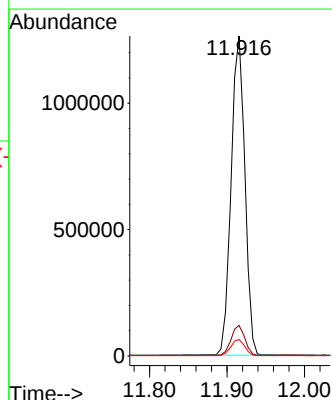
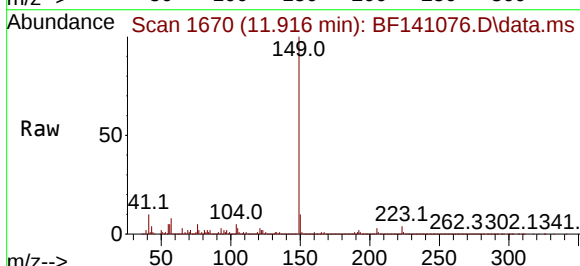
Tgt Ion:149 Resp: 1559560

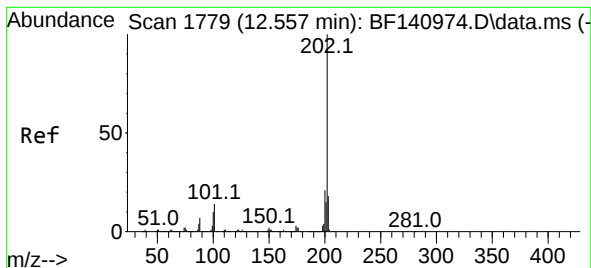
Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

104 5.2 4.1 6.1





#75

Fluoranthene

Concen: 52.130 ng

RT: 12.563 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

Instrument :

BNA_F

ClientSampleId :

SU-03-1-03-2025MSD

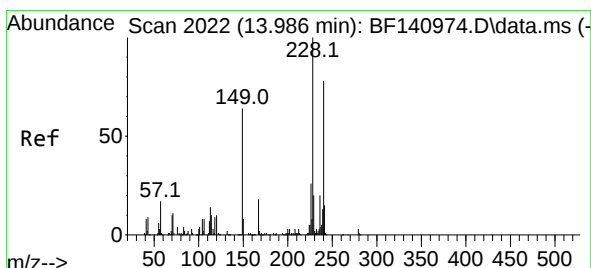
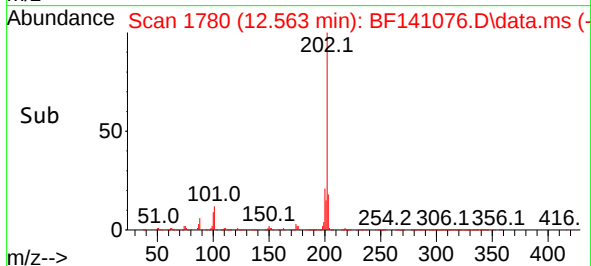
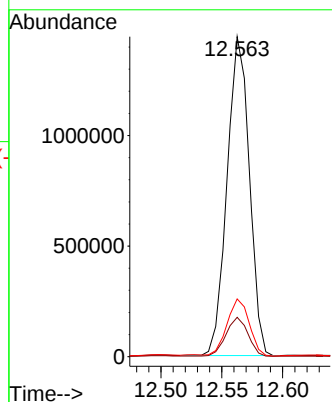
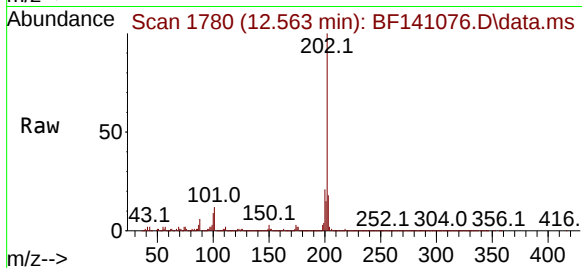
Tgt Ion:202 Resp: 1838685

Ion Ratio Lower Upper

202 100

101 12.3 0.0 33.7

203 18.1 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

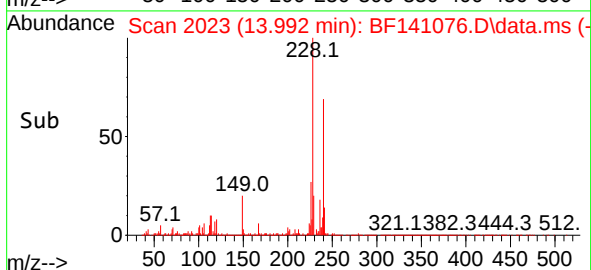
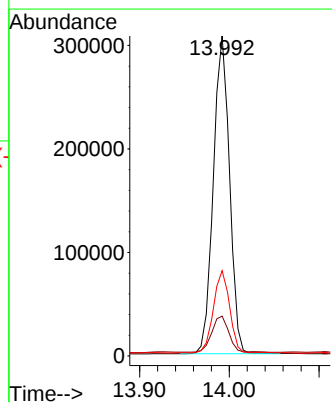
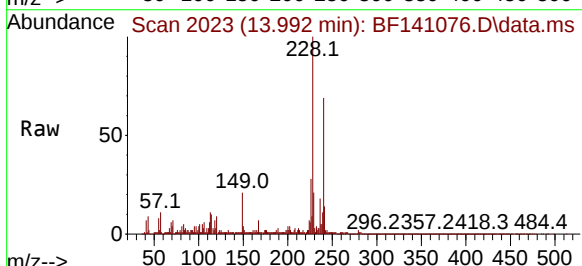
Tgt Ion:240 Resp: 384786

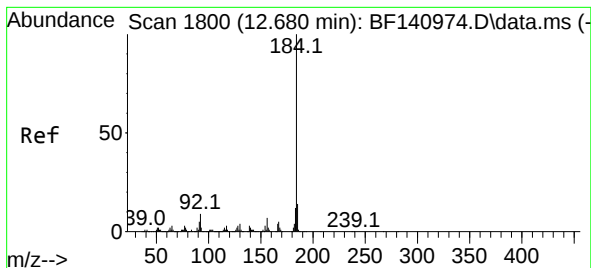
Ion Ratio Lower Upper

240 100

120 12.5 10.7 16.1

236 26.6 20.6 31.0





#77

Benzidine

Concen: 73.149 ng

RT: 12.686 min Scan# 1800

Delta R.T. 0.006 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

Instrument :

BNA_F

ClientSampleId :

SU-03-1-03-2025MSD

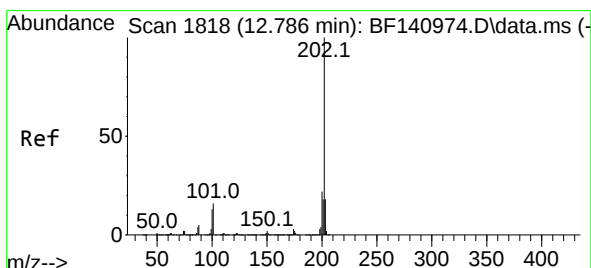
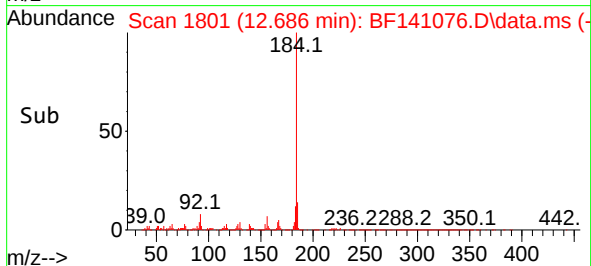
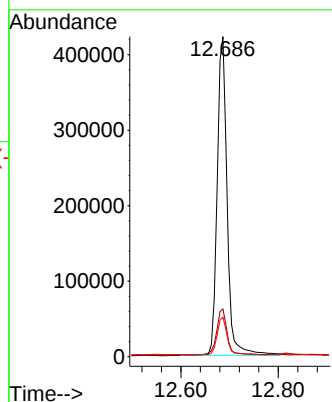
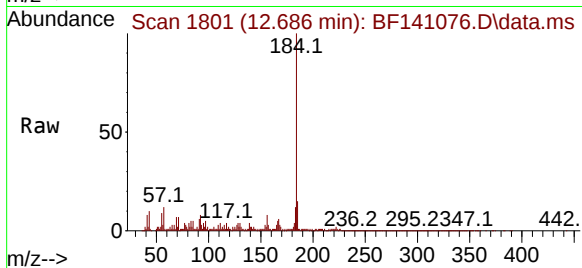
Tgt Ion:184 Resp: 594853

Ion Ratio Lower Upper

184 100

185 14.9 11.4 17.2

183 12.4 9.4 14.0



#78

Pyrene

Concen: 58.973 ng

RT: 12.792 min Scan# 1819

Delta R.T. 0.006 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

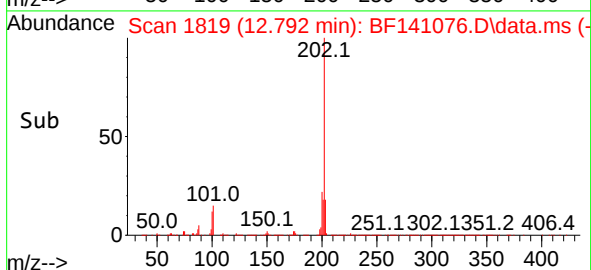
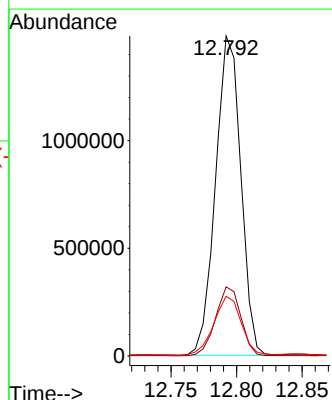
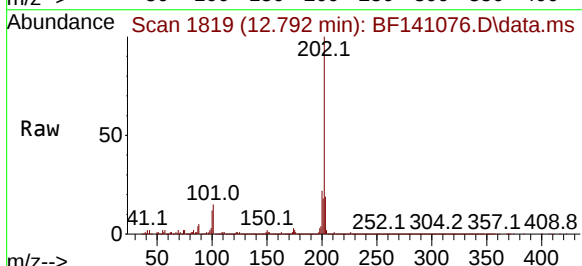
Tgt Ion:202 Resp: 1984588

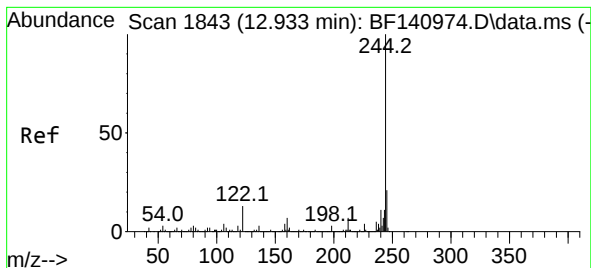
Ion Ratio Lower Upper

202 100

200 21.6 17.3 25.9

203 18.7 14.6 21.8





#79

Terphenyl-d14

Concen: 67.339 ng

RT: 12.933 min Scan# 1843

Delta R.T. -0.000 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

Instrument :

BNA_F

ClientSampleId :

SU-03-1-03-2025MSD

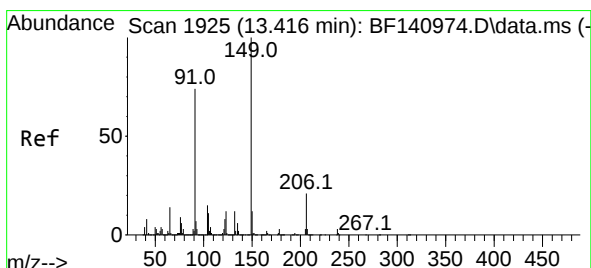
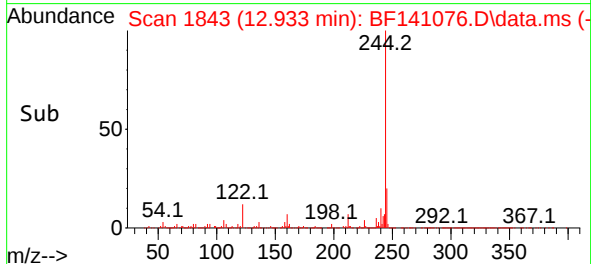
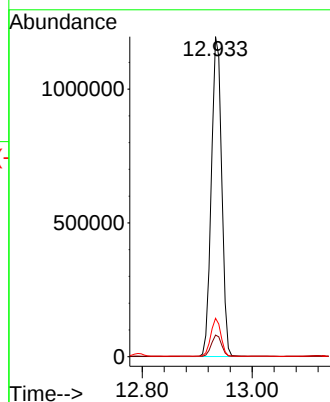
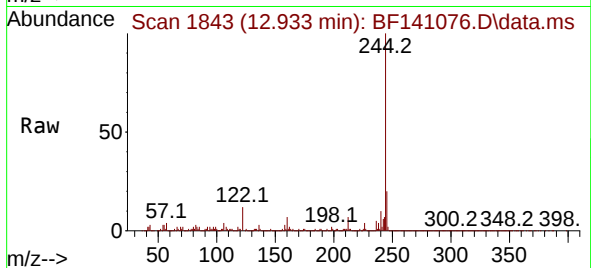
Tgt Ion:244 Resp: 1559967

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 12.0 10.2 15.2



#80

Butylbenzylphthalate

Concen: 52.000 ng

RT: 13.416 min Scan# 1925

Delta R.T. -0.000 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

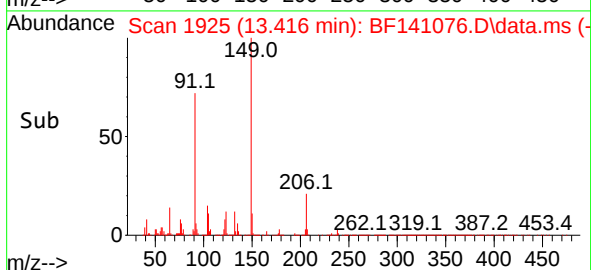
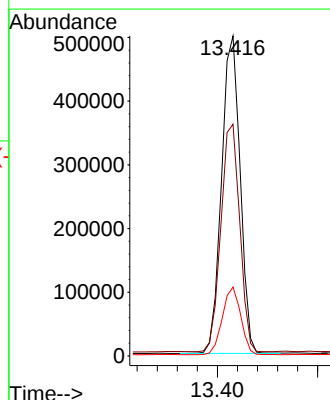
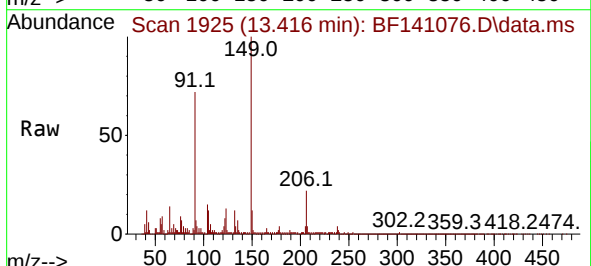
Tgt Ion:149 Resp: 638992

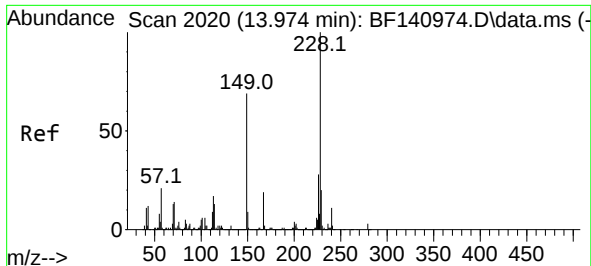
Ion Ratio Lower Upper

149 100

91 72.4 59.5 89.3

206 21.5 17.1 25.7

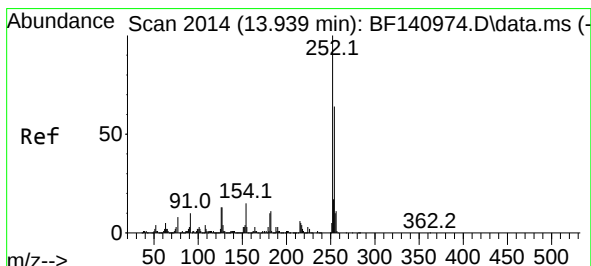
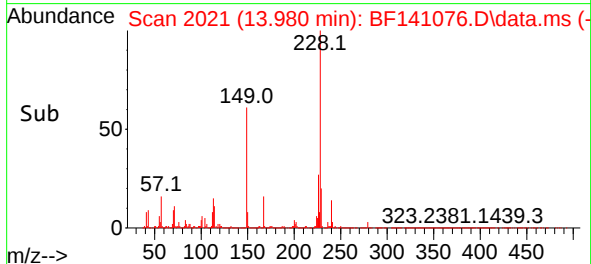
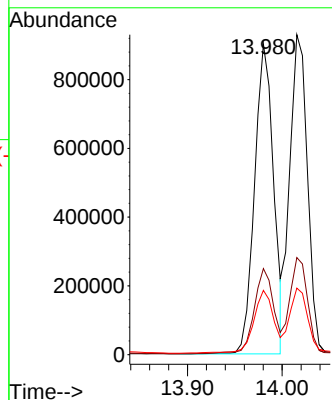
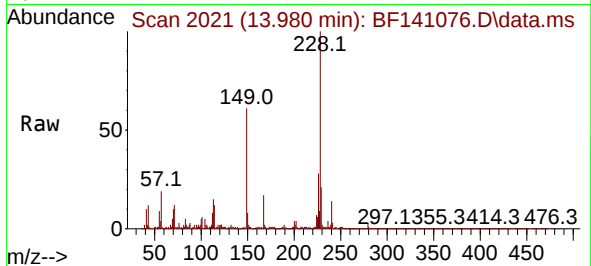




#81
Benzo(a)anthracene
Concen: 46.964 ng
RT: 13.980 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

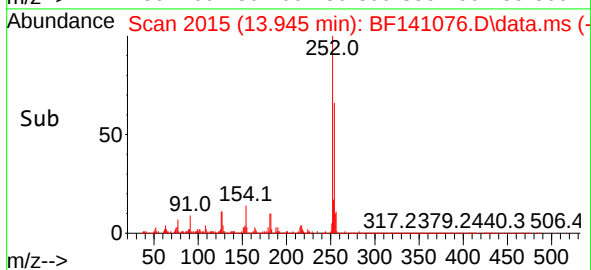
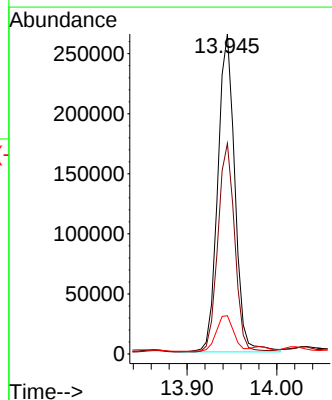
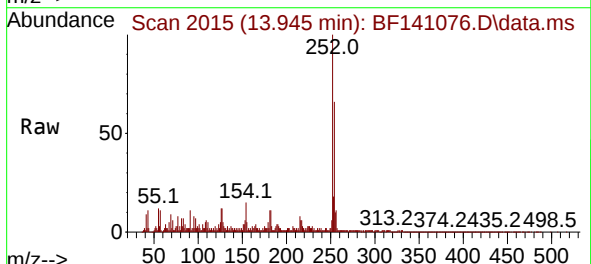
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MSD

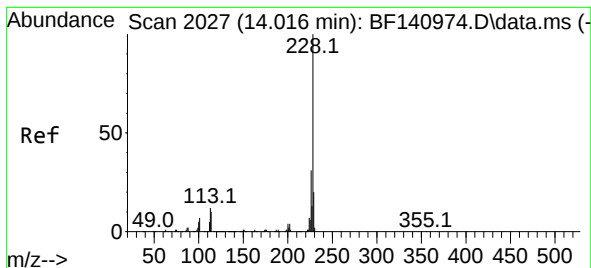
Tgt Ion:228 Resp: 1259452
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 20.7 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 43.329 ng
RT: 13.945 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

Tgt Ion:252 Resp: 349112
Ion Ratio Lower Upper
252 100
254 65.8 51.5 77.3
126 12.0 10.3 15.5





#83

Chrysene

Concen: 49.417 ng

RT: 14.015 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

Instrument :

BNA_F

ClientSampleId :

SU-03-1-03-2025MSD

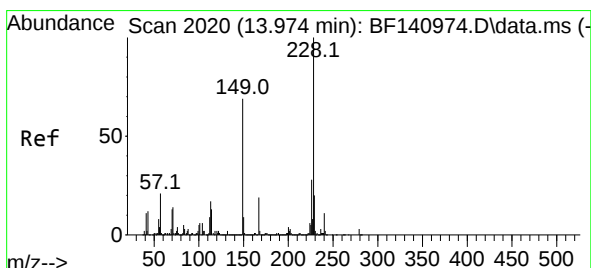
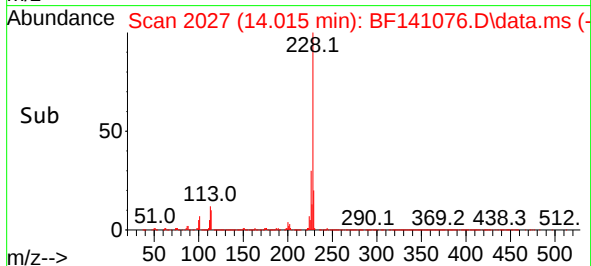
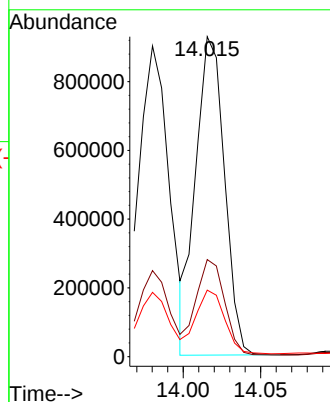
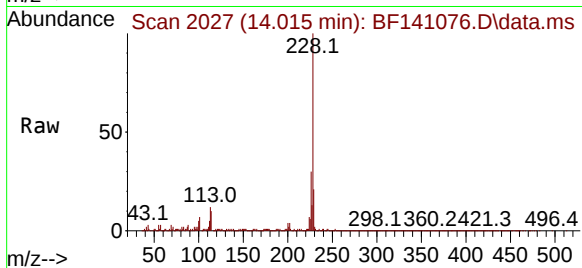
Tgt Ion:228 Resp: 1194664

Ion Ratio Lower Upper

228 100

226 30.3 24.5 36.7

229 20.8 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.962 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

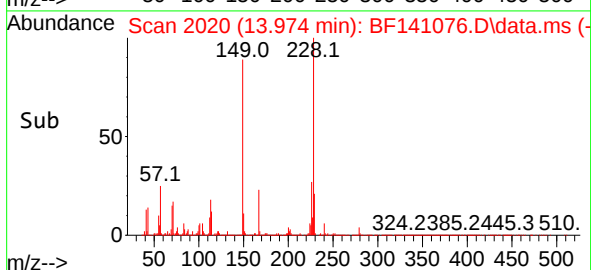
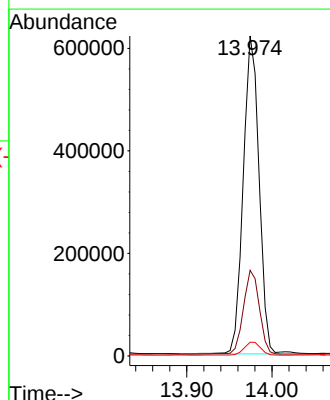
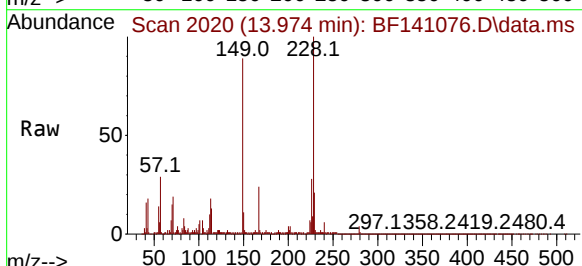
Tgt Ion:149 Resp: 796385

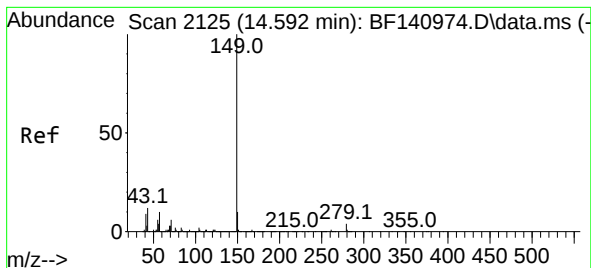
Ion Ratio Lower Upper

149 100

167 26.7 21.6 32.4

279 4.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 51.377 ng

RT: 14.592 min Scan# 2125

Delta R.T. -0.000 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

Instrument :

BNA_F

ClientSampleId :

SU-03-1-03-2025MSD

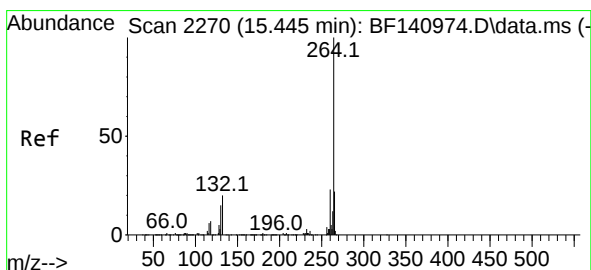
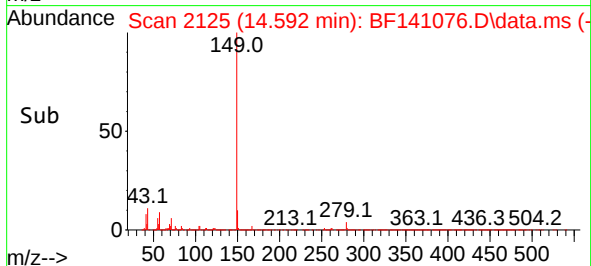
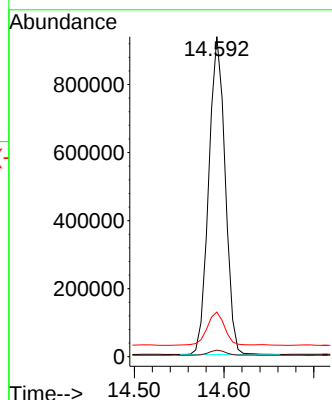
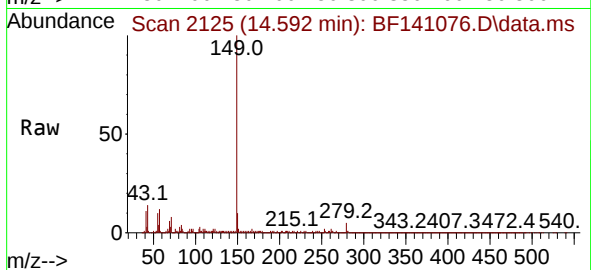
Tgt Ion:149 Resp: 1185272

Ion Ratio Lower Upper

149 100

167 1.9 1.2 1.8#

43 11.3 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

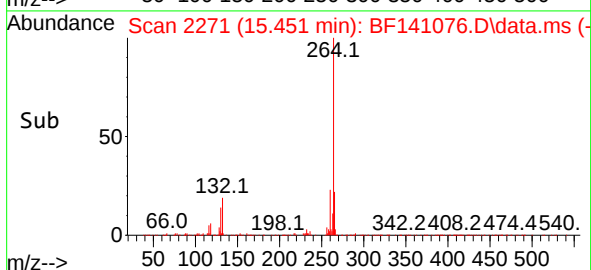
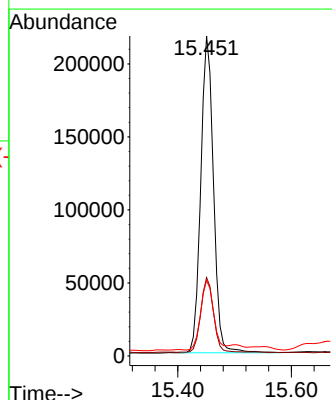
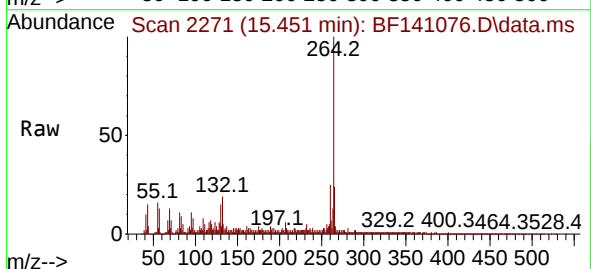
Tgt Ion:264 Resp: 337152

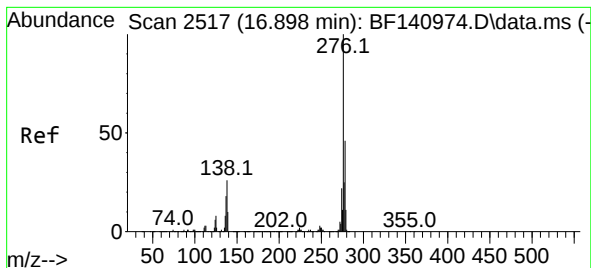
Ion Ratio Lower Upper

264 100

260 24.5 18.7 28.1

265 23.6 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.650 ng

RT: 16.915 min Scan# 2199

Delta R.T. 0.018 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

Instrument :

BNA_F

ClientSampleId :

SU-03-1-03-2025MSD

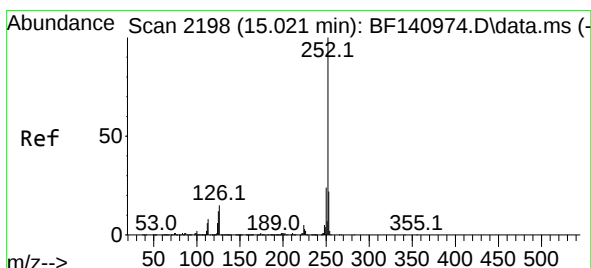
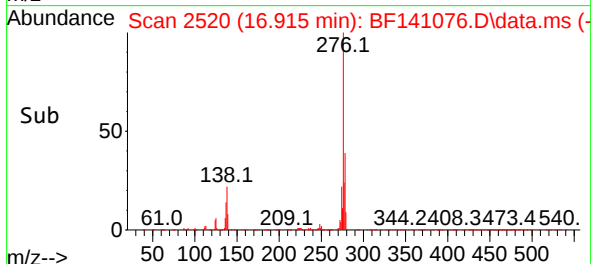
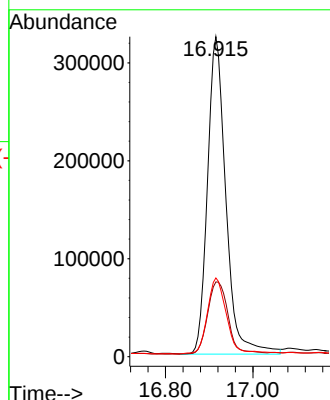
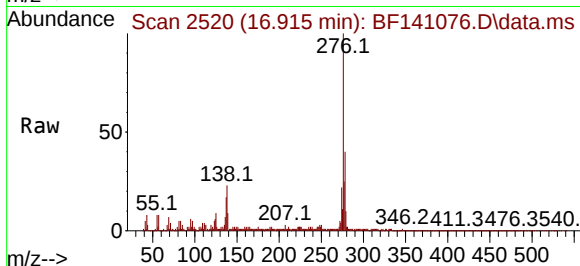
Tgt Ion:276 Resp: 948431

Ion Ratio Lower Upper

276 100

138 24.9 23.1 34.7

277 24.2 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 48.054 ng

RT: 15.027 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

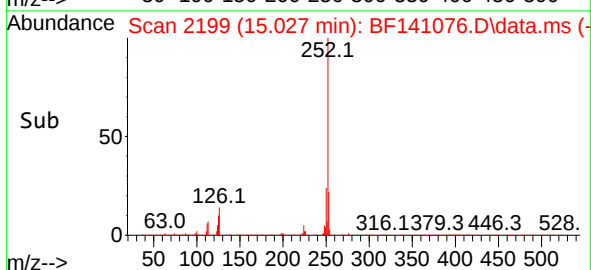
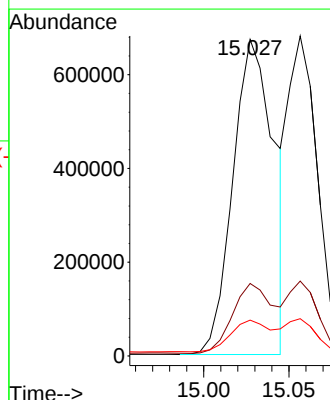
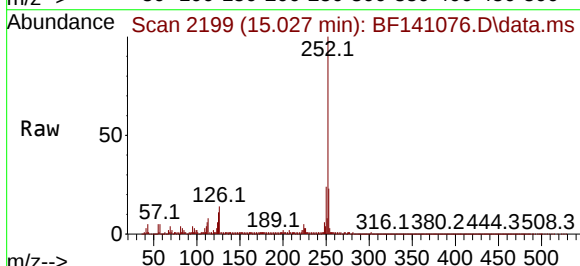
Tgt Ion:252 Resp: 1129962

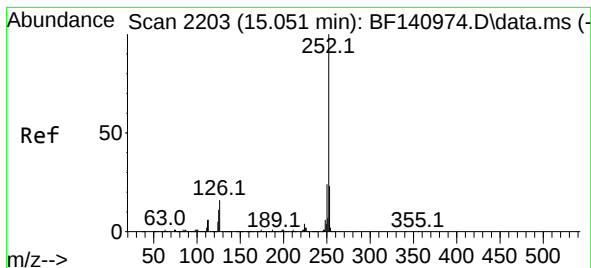
Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

125 11.3 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 44.193 ng

RT: 15.057 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

Instrument :

BNA_F

ClientSampleId :

SU-03-1-03-2025MSD

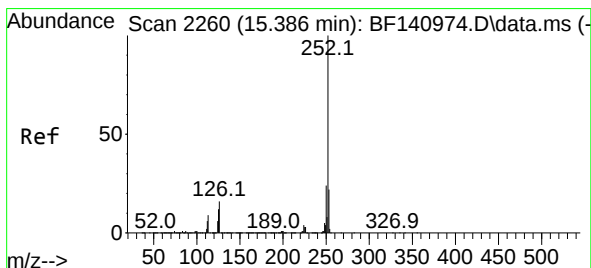
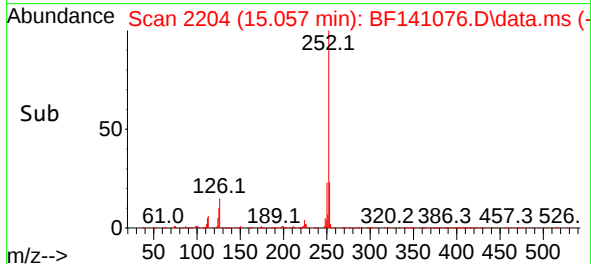
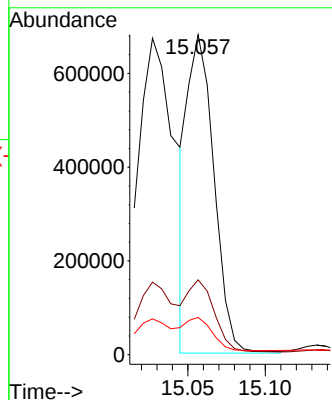
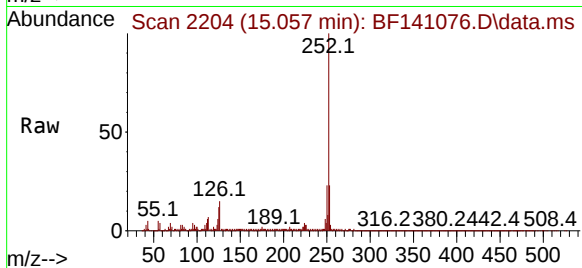
Tgt Ion:252 Resp: 814473

Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.8

125 11.7 9.4 14.0



#90

Benzo(a)pyrene

Concen: 50.983 ng

RT: 15.392 min Scan# 2261

Delta R.T. 0.006 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

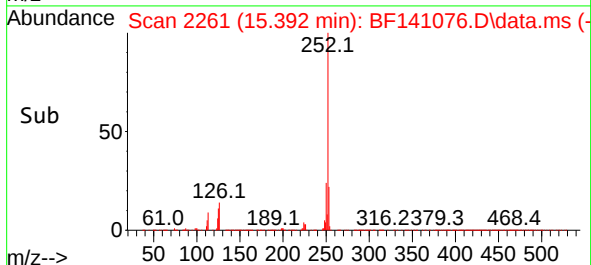
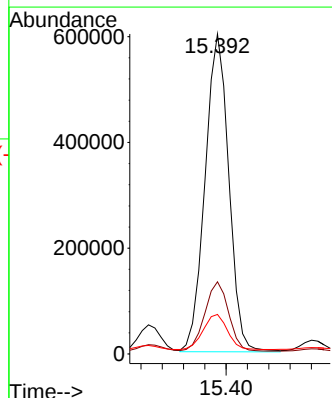
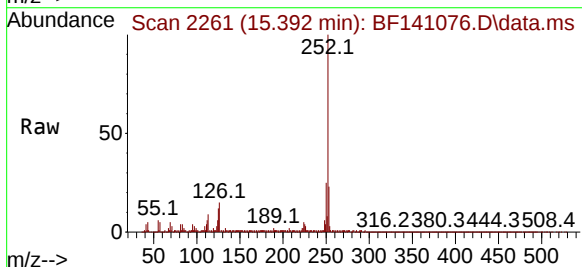
Tgt Ion:252 Resp: 930501

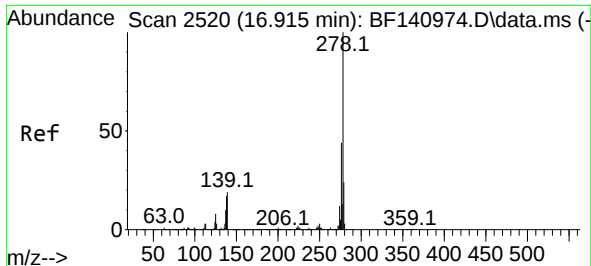
Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

125 12.3 9.8 14.8

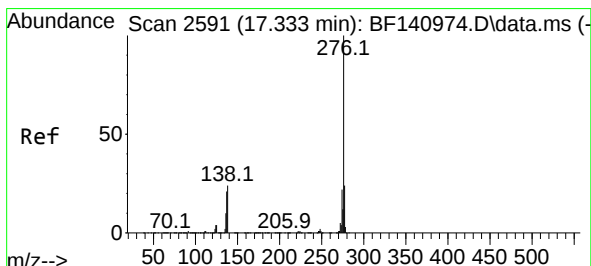
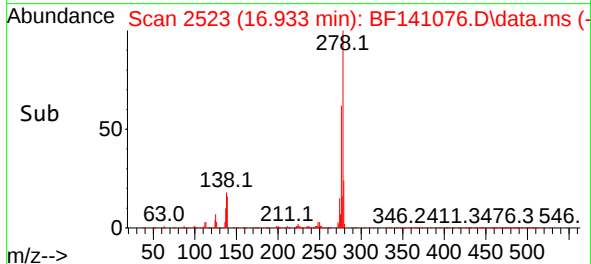
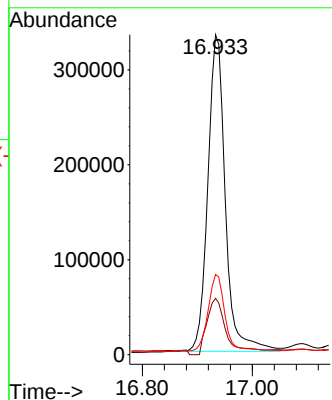
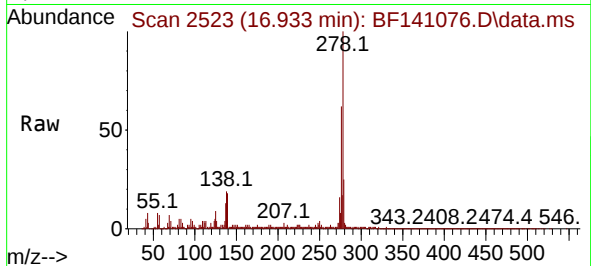




#91
Dibenzo(a,h)anthracene
Concen: 42.827 ng
RT: 16.933 min Scan# 2520
Delta R.T. 0.018 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MSD

Tgt Ion:278 Resp: 737408
Ion Ratio Lower Upper
278 100
139 17.6 14.9 22.3
279 25.1 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 38.592 ng
RT: 17.351 min Scan# 2594
Delta R.T. 0.018 min
Lab File: BF141076.D
Acq: 06 Jan 2025 15:19

Tgt Ion:276 Resp: 689209
Ion Ratio Lower Upper
276 100
277 24.5 19.0 28.4
138 22.6 19.4 29.2

