

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010625\
 Data File : BF141075.D
 Acq On : 06 Jan 2025 14:53
 Operator : RC/JU
 Sample : Q1009-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jan 06 15:16:10 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	260013	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	924417	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	398032	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	625013	20.000	ng	0.00
76) Chrysene-d12	13.992	240	441305	20.000	ng	0.00
86) Perylene-d12	15.451	264	374424	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	1463208	84.827	ng	0.00
7) Phenol-d6	6.457	99	1809930	81.452	ng	0.00
23) Nitrobenzene-d5	7.392	82	1060299	73.382	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	372792	96.386	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1621577	64.908	ng	0.00
79) Terphenyl-d14	12.933	244	1636103	61.580	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	236157	30.240	ng	99
3) Pyridine	3.328	79	644809	33.786	ng	98
4) n-Nitrosodimethylamine	3.269	42	359329	37.160	ng	99
6) Aniline	6.492	93	284854	14.374	ng	99
8) 2-Chlorophenol	6.610	128	730361	40.160	ng	97
9) Benzaldehyde	6.375	77	111304	2.484	ng	97
10) Phenol	6.469	94	903530	39.323	ng	99
11) bis(2-Chloroethyl)ether	6.563	93	707529	38.137	ng	97
12) 1,3-Dichlorobenzene	6.769	146	737709	36.756	ng	99
13) 1,4-Dichlorobenzene	6.845	146	740999	36.624	ng	100
14) 1,2-Dichlorobenzene	6.998	146	705799	37.414	ng	99
15) Benzyl Alcohol	6.969	79	621120	38.898	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1013052	36.107	ng	97
17) 2-Methylphenol	7.081	107	575670	38.102	ng	99
18) Hexachloroethane	7.345	117	264793	36.841	ng	99
19) n-Nitroso-di-n-propyla...	7.245	70	491584	36.111	ng	97
20) 3+4-Methylphenols	7.234	107	702540	36.745	ng	# 82
22) Acetophenone	7.239	105	928821	40.958	ng	99
24) Nitrobenzene	7.410	77	721970	44.717	ng	97
25) Isophorone	7.651	82	1300834	41.373	ng	99
26) 2-Nitrophenol	7.728	139	330082	49.679	ng	98
27) 2,4-Dimethylphenol	7.763	122	554436	48.250	ng	98
28) bis(2-Chloroethoxy)met...	7.863	93	791624	39.738	ng	98
29) 2,4-Dichlorophenol	7.963	162	525266	40.304	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	556856	37.751	ng	99
31) Naphthalene	8.133	128	1871478	38.420	ng	100
32) Benzoic acid	7.869	122	406680	43.806	ng	97
33) 4-Chloroaniline	8.181	127	324782	18.430	ng	99
34) Hexachlorobutadiene	8.251	225	347311	39.939	ng	99
35) Caprolactam	8.539	113	185790	41.934	ng	# 87
36) 4-Chloro-3-methylphenol	8.657	107	534830	36.953	ng	99
37) 2-Methylnaphthalene	8.822	142	1181337	37.909	ng	99
38) 1-Methylnaphthalene	8.922	142	1078280	35.208	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	498129	45.490	ng	99
41) Hexachlorocyclopentadiene	8.975	237	180060	49.619	ng	98
43) 2,4,6-Trichlorophenol	9.098	196	330757	45.384	ng	99

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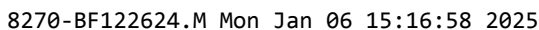
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 SU-03-1-03-2025MS

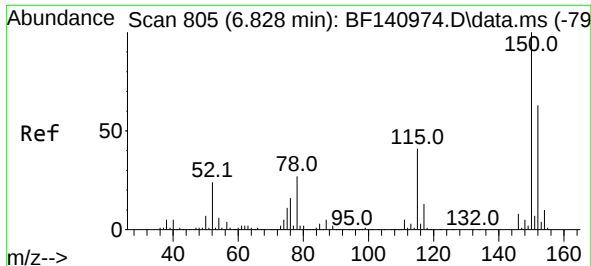
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	330338	44.299	ng	97
46) 1,1'-Biphenyl	9.286	154	1346246	44.172	ng	99
47) 2-Chloronaphthalene	9.310	162	983525	41.609	ng	99
48) 2-Nitroaniline	9.404	65	305138	49.216	ng	95
49) Acenaphthylene	9.727	152	1463267	43.003	ng	99
50) Dimethylphthalate	9.586	163	1129825	43.154	ng	100
51) 2,6-Dinitrotoluene	9.645	165	233953	44.136	ng	99
52) Acenaphthene	9.898	154	980384	42.619	ng	100
53) 3-Nitroaniline	9.810	138	185508	33.040	ng #	93
54) 2,4-Dinitrophenol	9.916	184	109267	59.303	ng #	1
55) Dibenzofuran	10.069	168	1309295	40.500	ng	100
56) 4-Nitrophenol	9.963	139	409421	91.419	ng	97
57) 2,4-Dinitrotoluene	10.045	165	305599	46.888	ng #	96
58) Fluorene	10.410	166	993584	39.634	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	267746	43.353	ng #	94
60) Diethylphthalate	10.286	149	1044726	40.420	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	482216	39.976	ng	99
62) 4-Nitroaniline	10.422	138	207328	36.596	ng	96
63) Azobenzene	10.563	77	1119846	41.278	ng	96
65) 4,6-Dinitro-2-methylph...	10.451	198	74407	33.390	ng #	84
66) n-Nitrosodiphenylamine	10.522	169	868158	44.110	ng	100
67) 4-Bromophenyl-phenylether	10.898	248	301704	44.654	ng	97
68) Hexachlorobenzene	10.957	284	321490	43.152	ng	97
69) Atrazine	11.051	200	297227	54.057	ng	99
70) Pentachlorophenol	11.151	266	429590	92.614	ng	99
71) Phenanthrene	11.374	178	1789273	54.393	ng	100
72) Anthracene	11.427	178	1585309	49.183	ng	99
73) Carbazole	11.580	167	1341811	43.304	ng	100
74) Di-n-butylphthalate	11.916	149	1562182	44.325	ng	100
75) Fluoranthene	12.563	202	1929803	54.091	ng	98
77) Benzidine	12.680	184	524556	56.243	ng	98
78) Pyrene	12.792	202	2108746	54.637	ng	100
80) Butylbenzylphthalate	13.415	149	669375	47.496	ng	98
81) Benzo(a)anthracene	13.980	228	1414336	45.985	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	354245	38.335	ng	99
83) Chrysene	14.015	228	1295005	46.707	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	846793	46.321	ng	100
85) Di-n-octyl phthalate	14.592	149	1308830	49.466	ng	100
87) Indeno(1,2,3-cd)pyrene	16.909	276	1037230	43.970	ng	97
88) Benzo(b)fluoranthene	15.027	252	1060480	40.610	ng	99
89) Benzo(k)fluoranthene	15.057	252	843429	41.209	ng	98
90) Benzo(a)pyrene	15.392	252	990249	48.855	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	832721	43.548	ng	98
92) Benzo(g,h,i)perylene	17.350	276	783171	39.488	ng	98

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

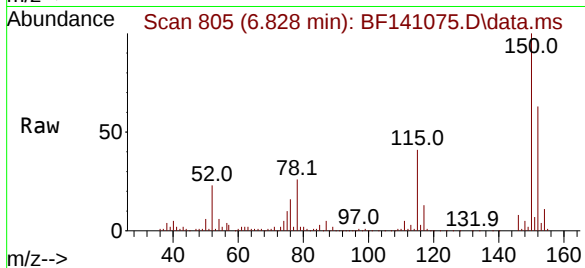
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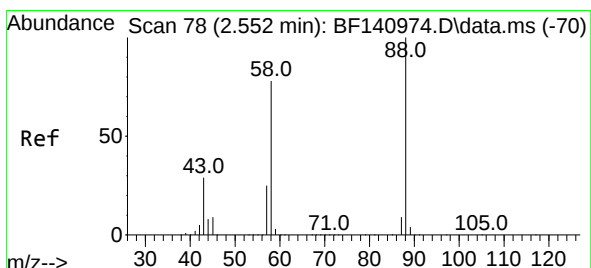
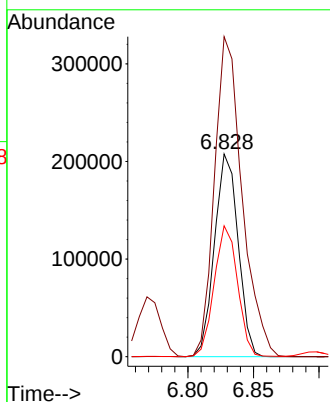
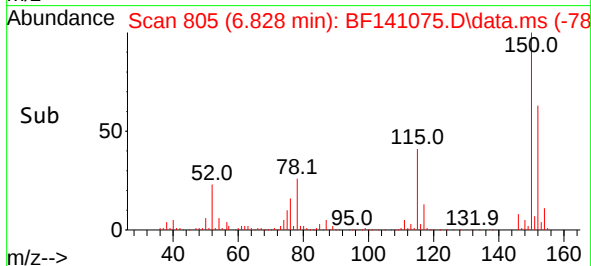


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141075.D
 Acq: 06 Jan 2025 14:53

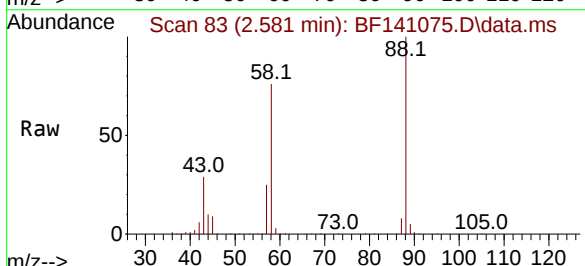
Instrument :
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 SU-03-1-03-2025MS



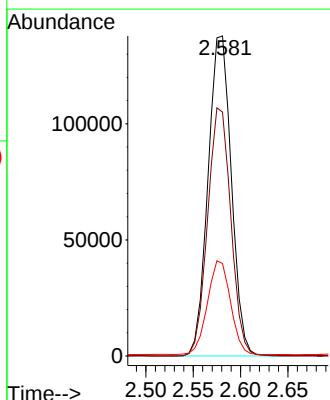
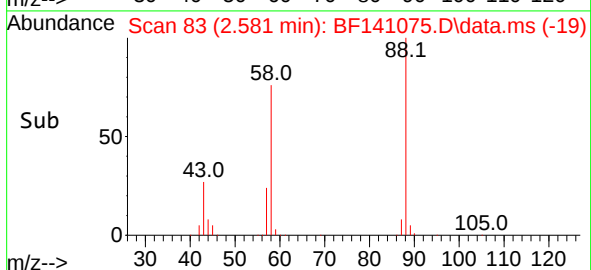
Tgt Ion:152 Resp: 260013
 Ion Ratio Lower Upper
 152 100
 150 157.9 127.0 190.6
 115 64.6 51.7 77.5

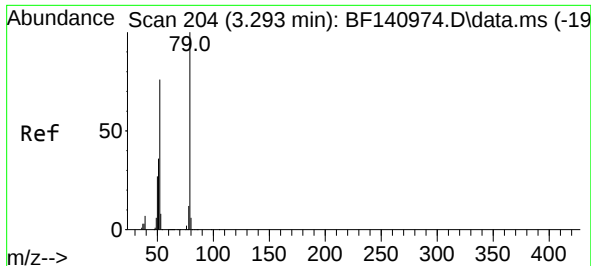


#2
 1,4-Dioxane
 Concen: 30.240 ng
 RT: 2.581 min Scan# 83
 Delta R.T. 0.029 min
 Lab File: BF141075.D
 Acq: 06 Jan 2025 14:53



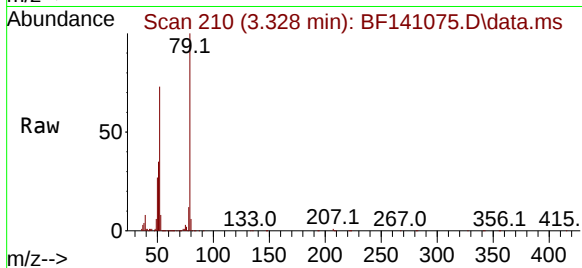
Tgt Ion: 88 Resp: 236157
 Ion Ratio Lower Upper
 88 100
 58 77.4 63.0 94.4
 43 29.0 23.4 35.2



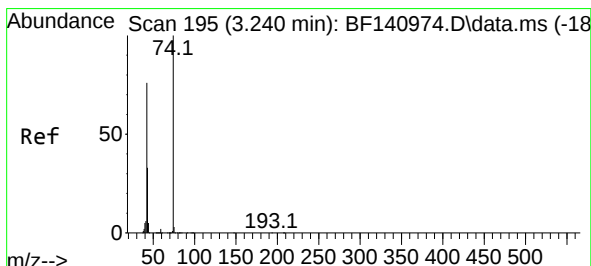
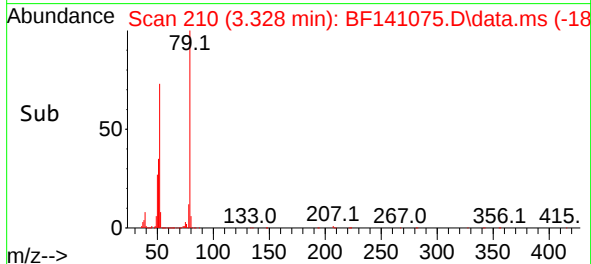
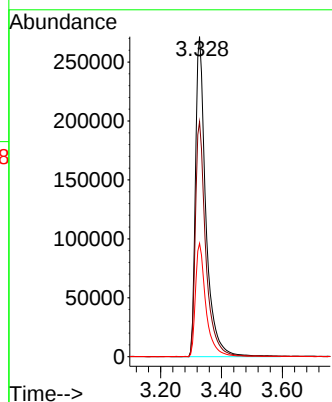


#3
Pyridine
Concen: 33.786 ng
RT: 3.328 min Scan# 210
Delta R.T. 0.035 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

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

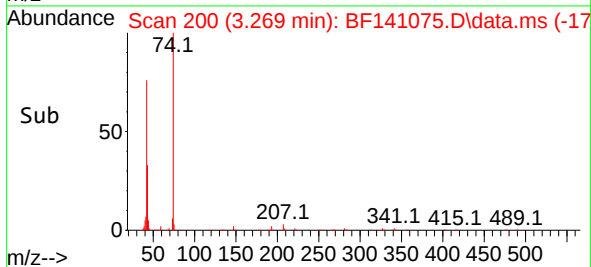
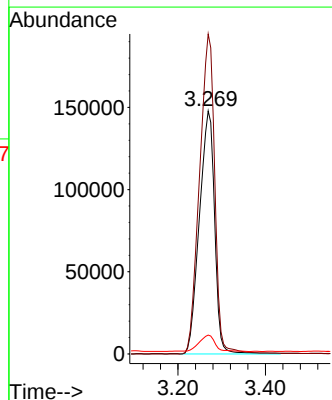
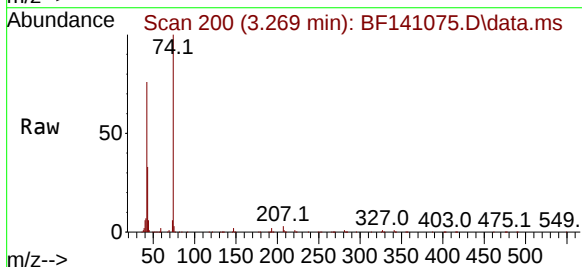


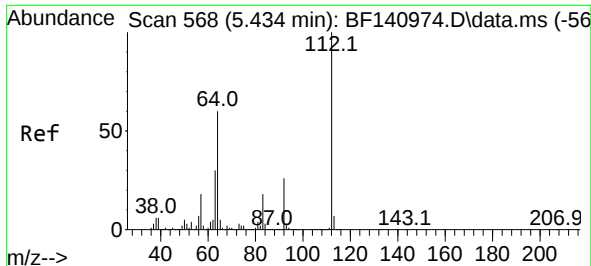
Tgt Ion: 79 Resp: 644809
Ion Ratio Lower Upper
79 100
52 73.4 60.4 90.6
51 35.4 28.8 43.2



#4
n-Nitrosodimethylamine
Concen: 37.160 ng
RT: 3.269 min Scan# 200
Delta R.T. 0.029 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

Tgt Ion: 42 Resp: 359329
Ion Ratio Lower Upper
42 100
74 131.6 105.8 158.6
44 7.8 6.6 10.0

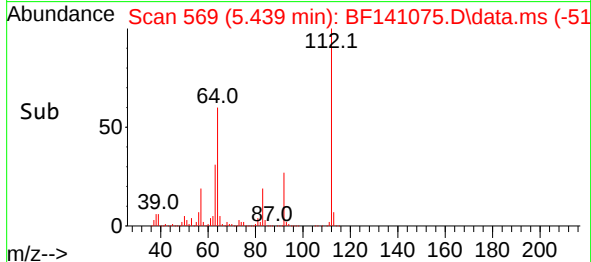
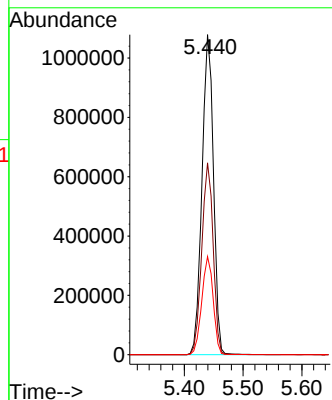
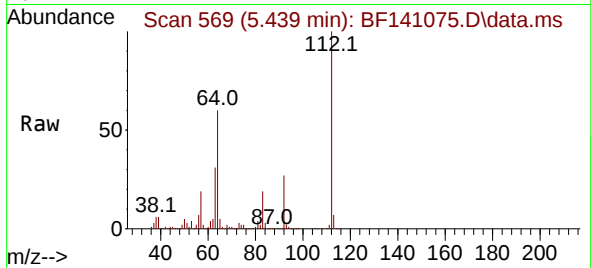




#5
2-Fluorophenol
Concen: 84.827 ng
RT: 5.439 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

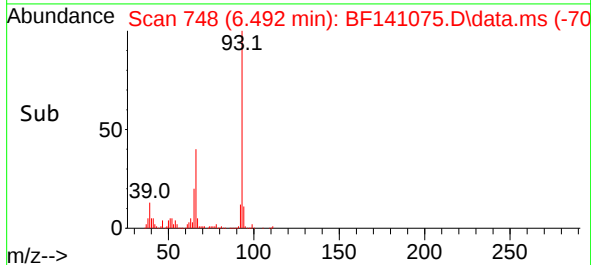
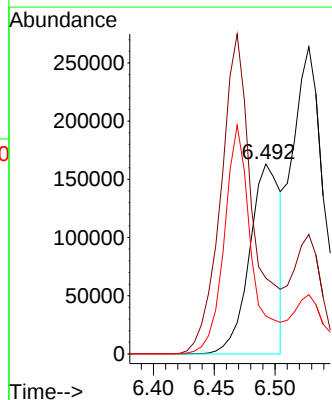
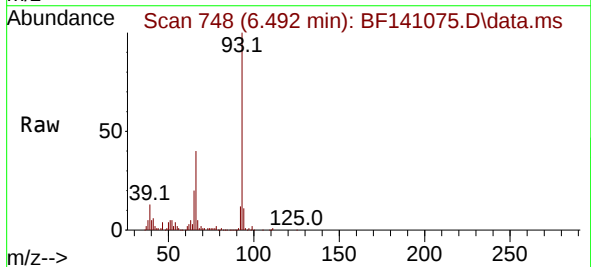
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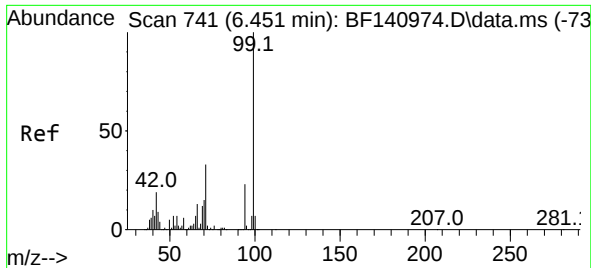
Tgt Ion:112 Resp: 1463208
Ion Ratio Lower Upper
112 100
64 59.9 47.7 71.5
63 30.6 24.2 36.2



#6
Aniline
Concen: 14.374 ng
RT: 6.492 min Scan# 748
Delta R.T. -0.018 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

Tgt Ion: 93 Resp: 284854
Ion Ratio Lower Upper
93 100
66 39.9 31.8 47.8
65 20.0 15.4 23.0

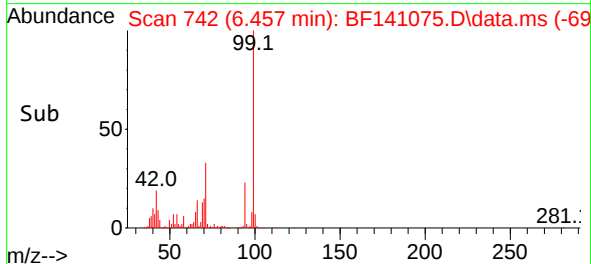
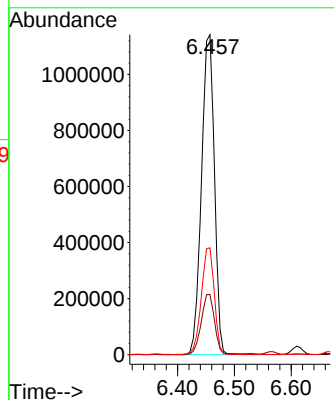
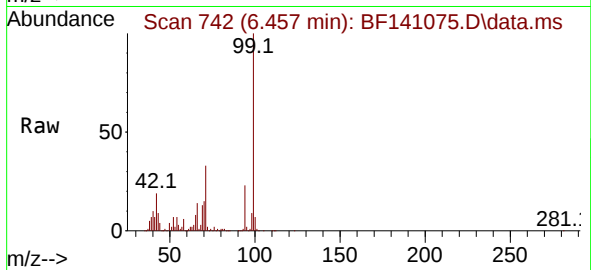




#7
Phenol-d6
Concen: 81.452 ng
RT: 6.457 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

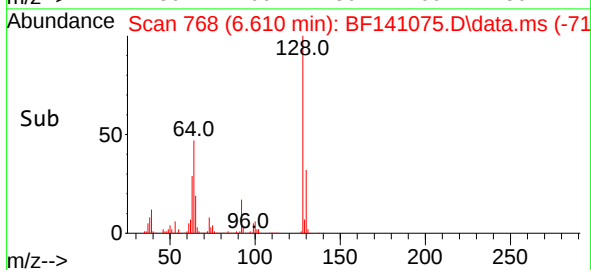
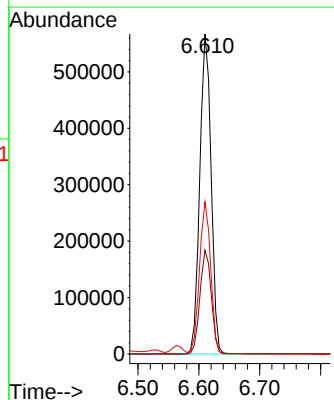
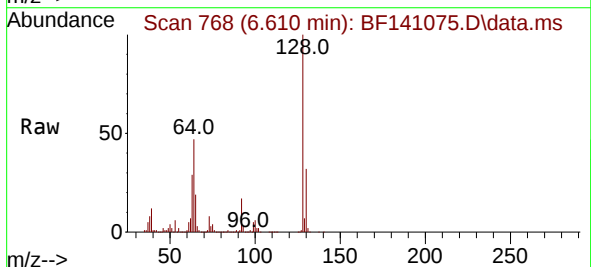
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Tgt Ion: 99 Resp: 1809930
Ion Ratio Lower Upper
99 100
42 18.8 15.0 22.4
71 33.4 26.2 39.2



#8
2-Chlorophenol
Concen: 40.160 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

Tgt Ion: 128 Resp: 730361
Ion Ratio Lower Upper
128 100
130 32.4 12.2 52.2
64 47.5 30.3 70.3

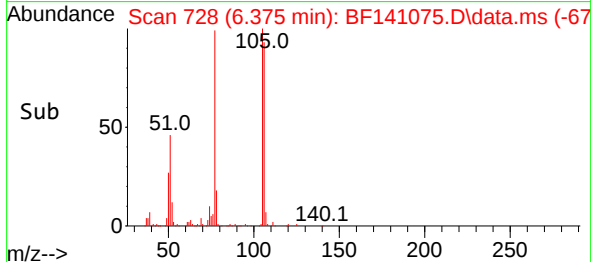
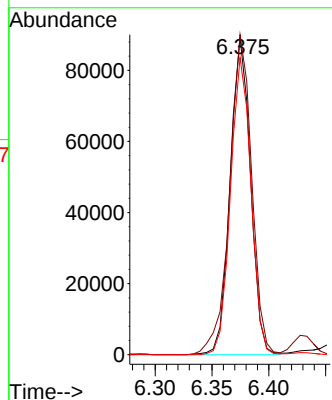
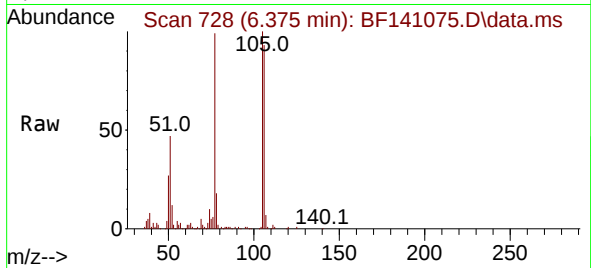




#9
Benzaldehyde
Concen: 2.484 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

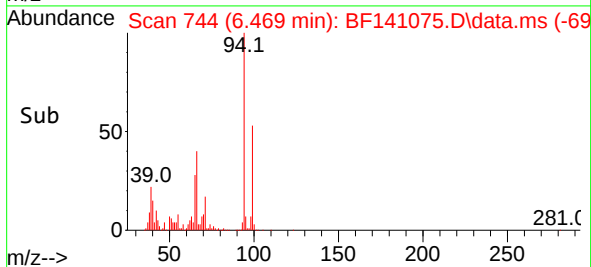
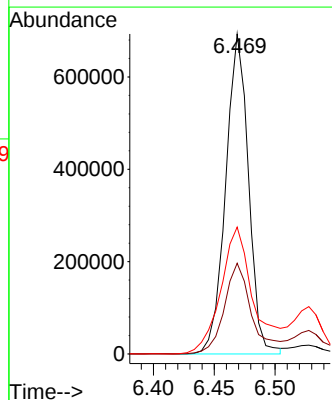
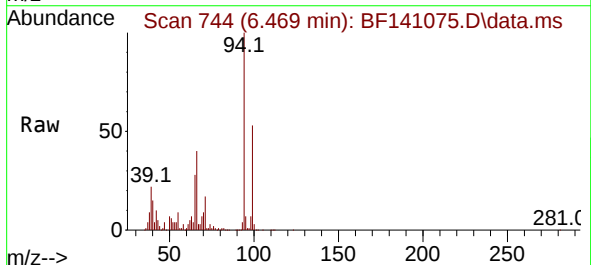
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ClientSampleId :
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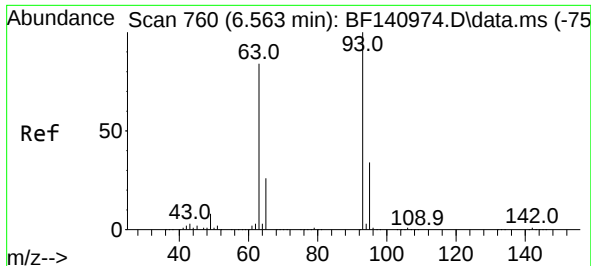
Tgt Ion: 77 Resp: 111304
Ion Ratio Lower Upper
77 100
105 100.9 76.2 116.2
106 93.7 73.4 113.4



#10
Phenol
Concen: 39.323 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

Tgt Ion: 94 Resp: 903530
Ion Ratio Lower Upper
94 100
65 28.4 8.1 48.1
66 39.7 18.7 58.7

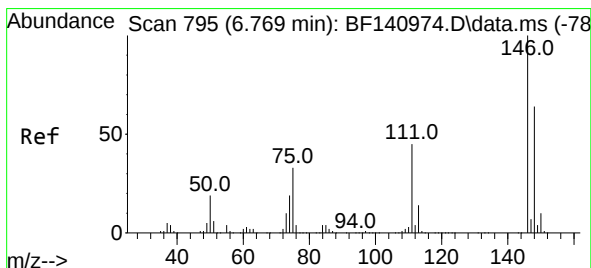
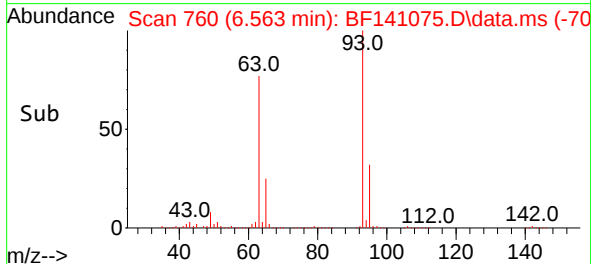
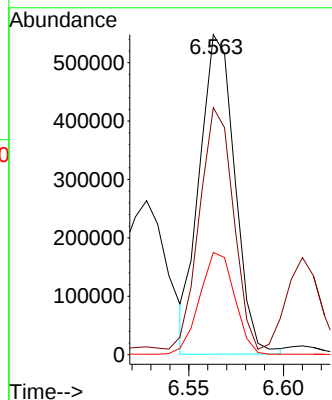
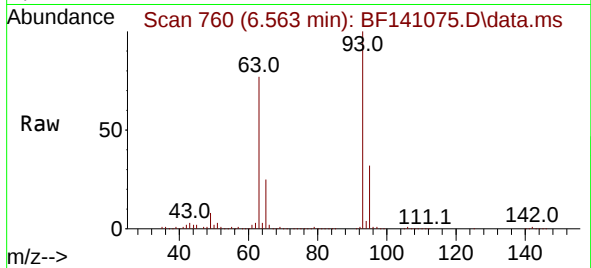




#11
bis(2-Chloroethyl)ether
Concen: 38.137 ng
RT: 6.563 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

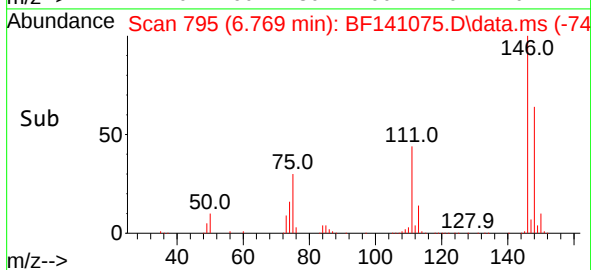
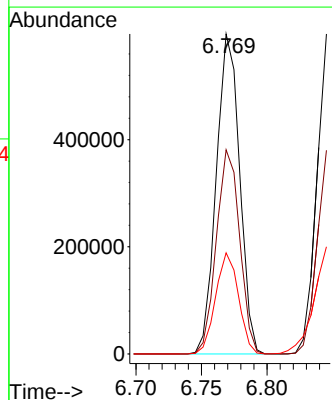
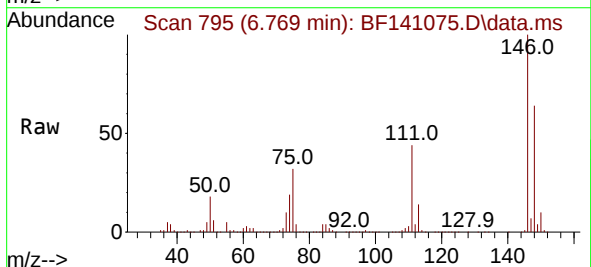
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MS

Tgt Ion: 93 Resp: 707529
Ion Ratio Lower Upper
93 100
63 77.2 60.3 100.3
95 32.0 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 36.756 ng
RT: 6.769 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

Tgt Ion:146 Resp: 737709
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.4
75 31.6 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 36.624 ng

RT: 6.845 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF141075.D

Acq: 06 Jan 2025 14:53

Instrument :

BNA_F

ClientSampleId :

SU-03-1-03-2025MS

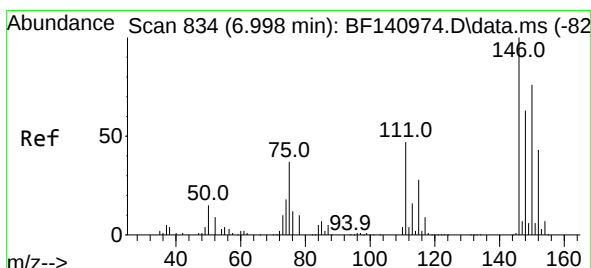
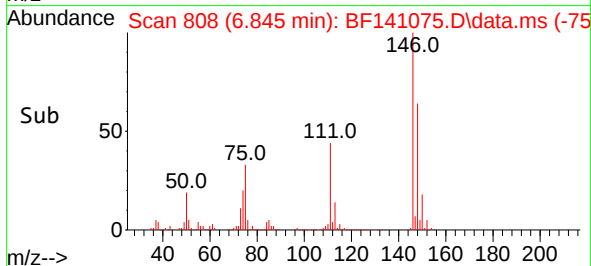
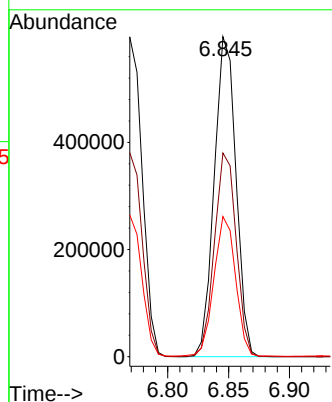
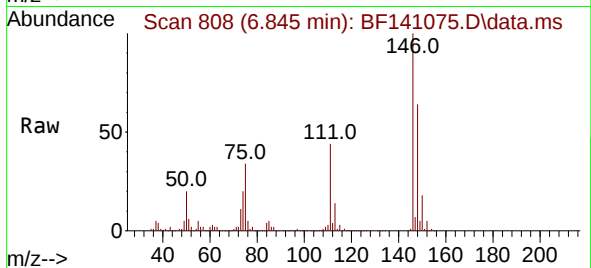
Tgt Ion:146 Resp: 740999

Ion Ratio Lower Upper

146 100

148 63.7 51.3 76.9

111 43.8 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 37.414 ng

RT: 6.998 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF141075.D

Acq: 06 Jan 2025 14:53

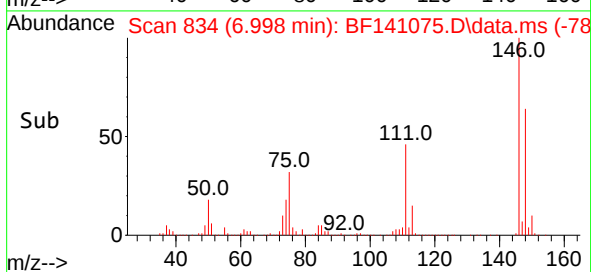
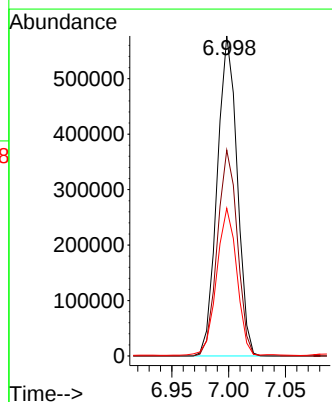
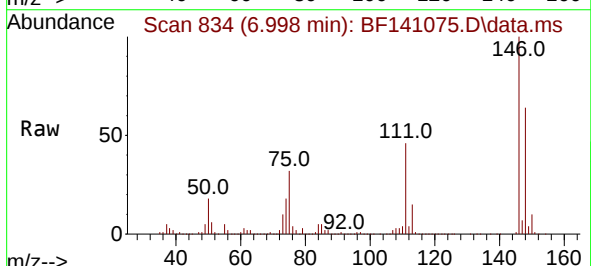
Tgt Ion:146 Resp: 705799

Ion Ratio Lower Upper

146 100

148 64.3 50.6 76.0

111 46.2 37.3 55.9

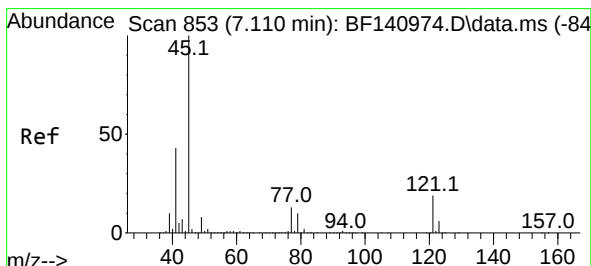
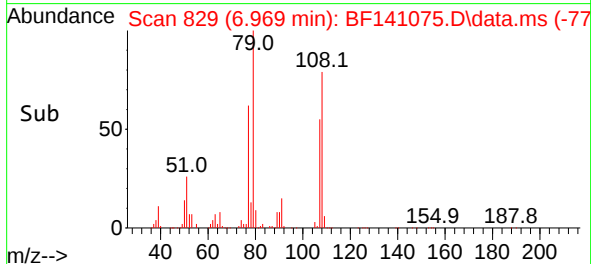
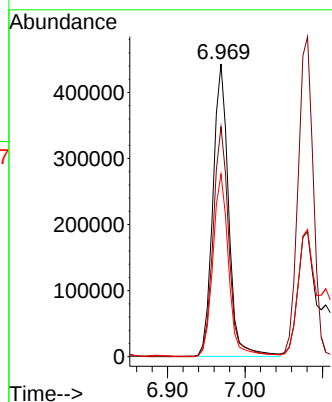
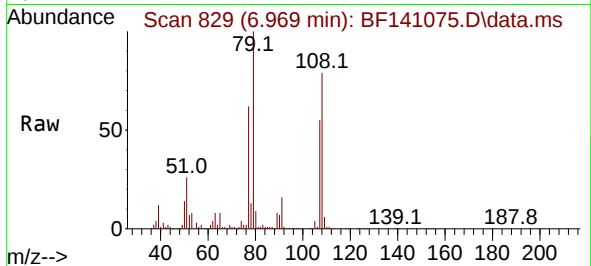




#15
Benzyl Alcohol
Concen: 38.898 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

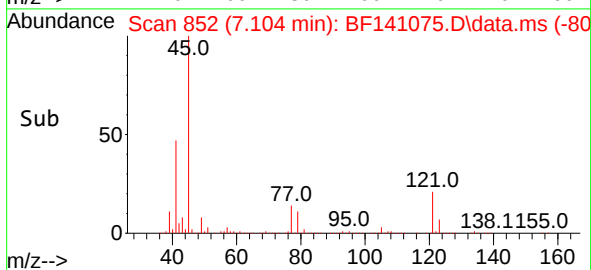
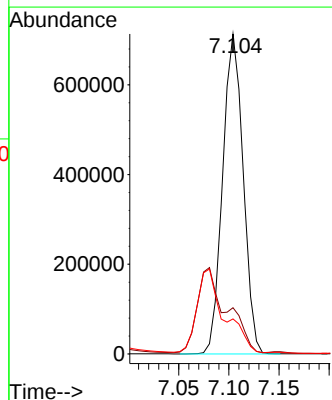
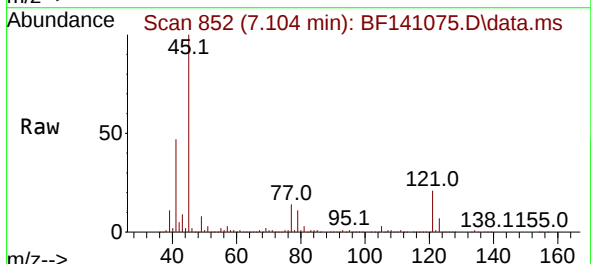
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MS

Tgt Ion: 79 Resp: 621120
Ion Ratio Lower Upper
79 100
108 78.6 62.5 93.7
77 62.4 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.107 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

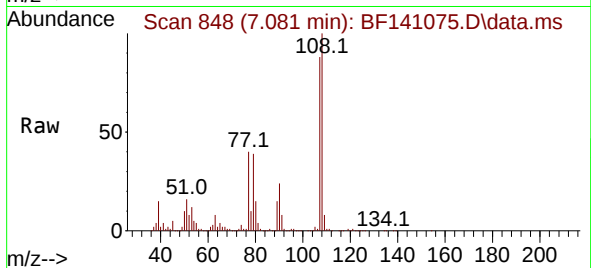
Tgt Ion: 45 Resp: 1013052
Ion Ratio Lower Upper
45 100
77 14.4 0.0 33.1
79 11.0 0.0 30.1



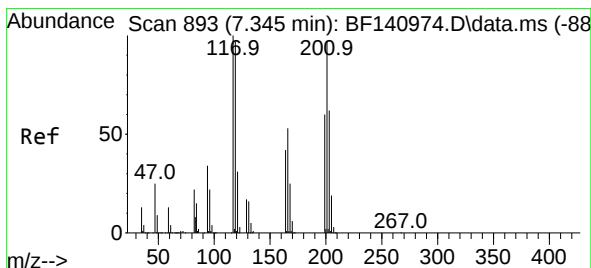
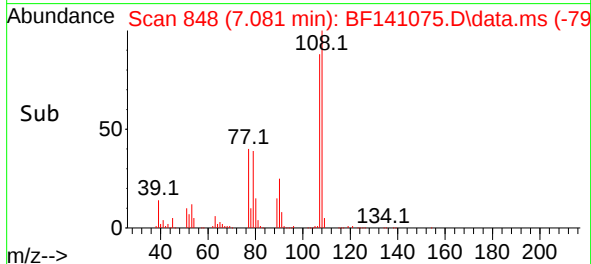
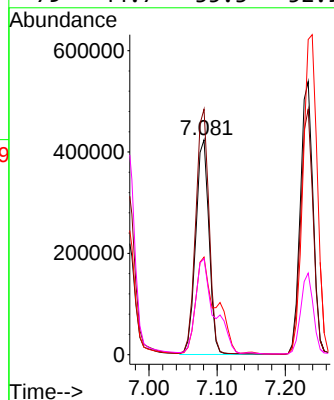


#17
2-Methylphenol
Concen: 38.102 ng
RT: 7.081 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

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

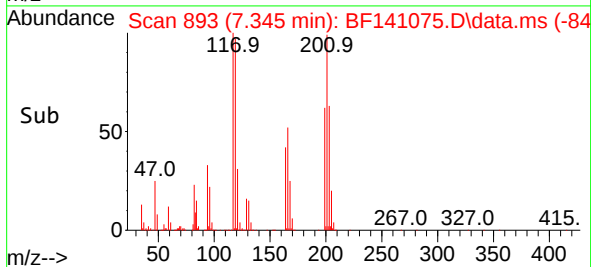
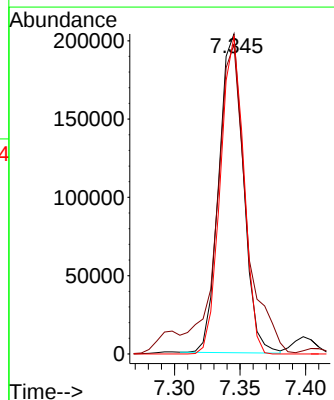
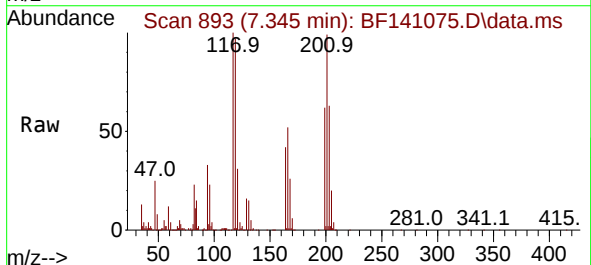


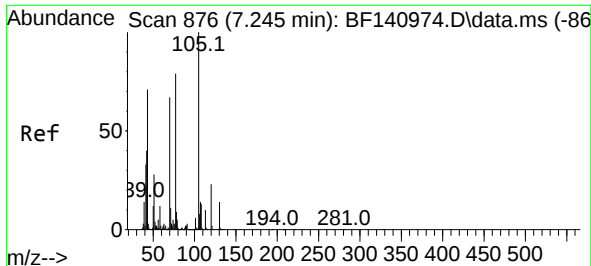
Tgt Ion:107 Resp: 575670
Ion Ratio Lower Upper
107 100
108 114.2 90.6 136.0
77 45.4 35.3 52.9
79 44.7 35.3 52.9



#18
Hexachloroethane
Concen: 36.841 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

Tgt Ion:117 Resp: 264793
Ion Ratio Lower Upper
117 100
119 96.7 77.5 116.3
201 99.2 77.4 116.2

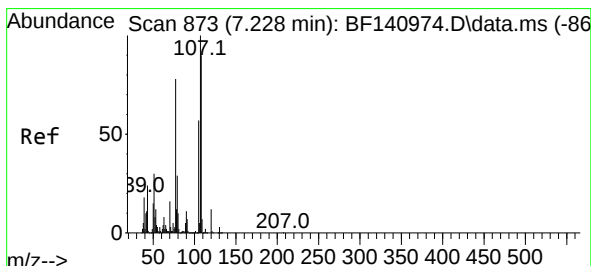
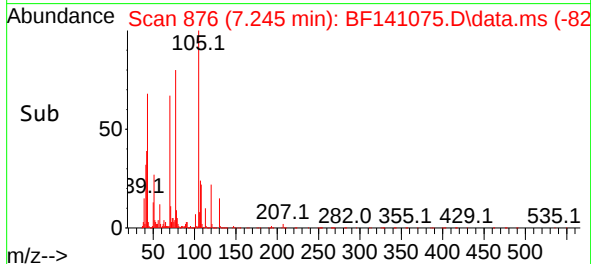
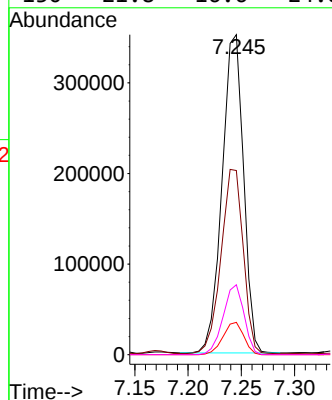
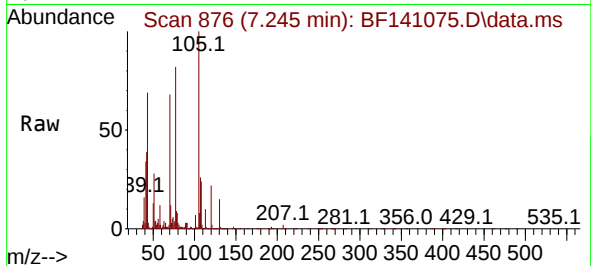




#19
n-Nitroso-di-n-propylamine
Concen: 36.111 ng
RT: 7.245 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

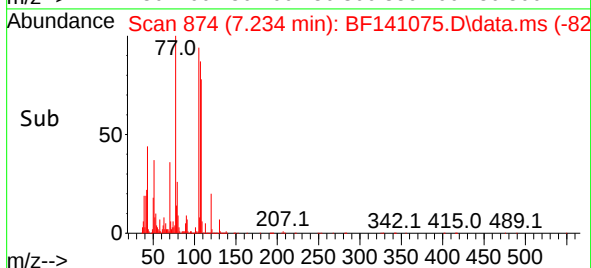
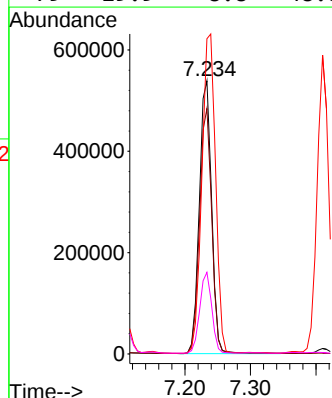
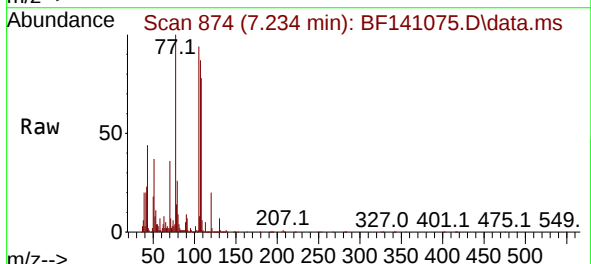
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MS

Tgt Ion: 70 Resp: 491584
Ion Ratio Lower Upper
70 100
42 57.5 48.1 72.1
101 10.1 7.6 11.4
130 21.8 16.6 24.8



#20
3+4-Methylphenols
Concen: 36.745 ng
RT: 7.234 min Scan# 874
Delta R.T. 0.006 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

Tgt Ion: 107 Resp: 702540
Ion Ratio Lower Upper
107 100
108 89.9 69.6 109.6
77 115.4 57.6 97.6#
79 29.9 8.8 48.8

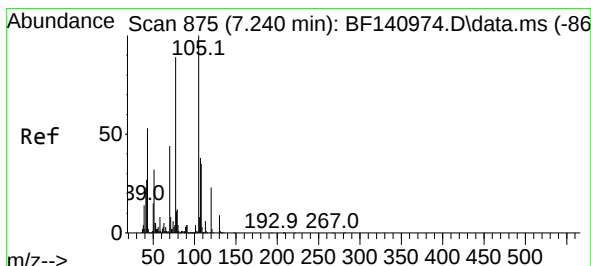
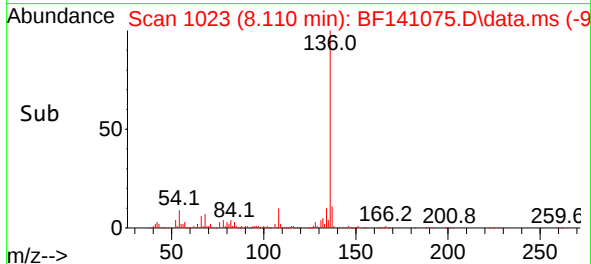
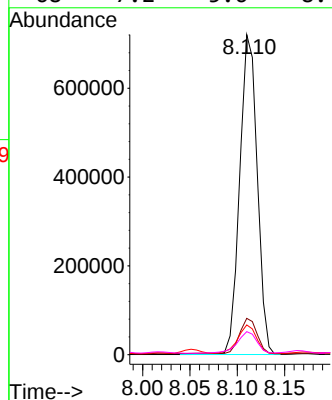
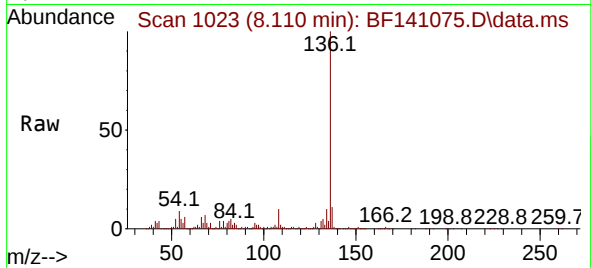




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

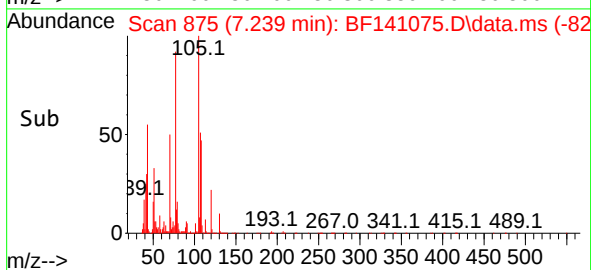
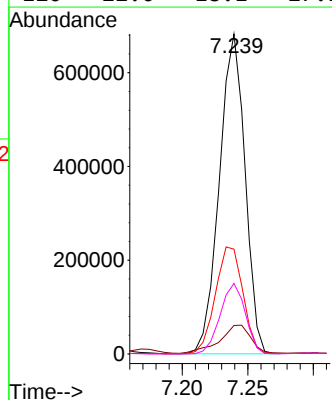
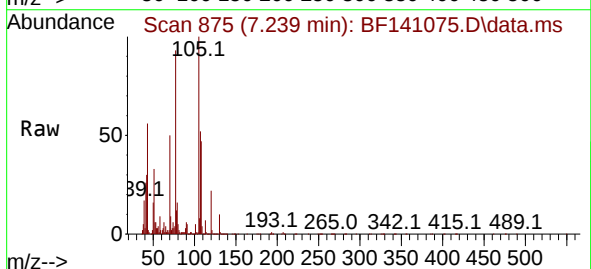
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MS

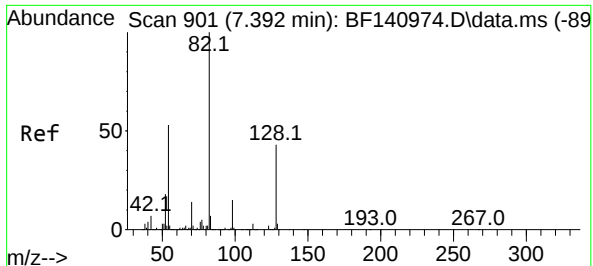
Tgt Ion:	136	Resp:	924417
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.4
54	9.3	7.6	11.4
68	7.2	5.6	8.4



#22
Acetophenone
Concen: 40.958 ng
RT: 7.239 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

Tgt Ion:	105	Resp:	928821
Ion Ratio	Lower	Upper	
105	100		
71	8.9	6.1	9.1
51	32.8	25.8	38.6
120	22.0	18.1	27.1





#23

Nitrobenzene-d5

Concen: 73.382 ng

RT: 7.392 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF141075.D

Acq: 06 Jan 2025 14:53

Instrument :

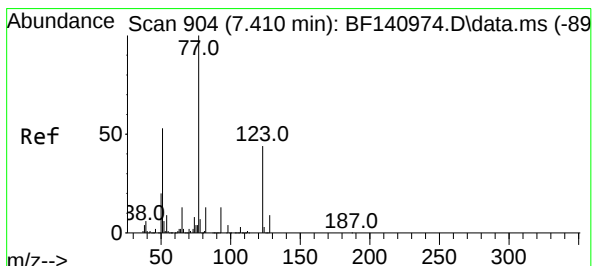
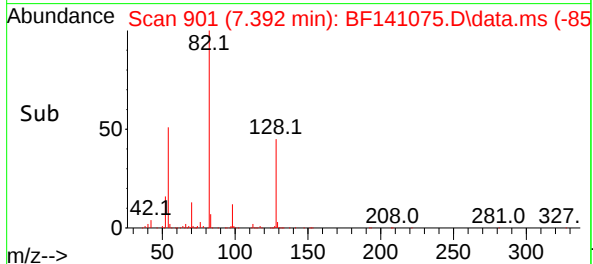
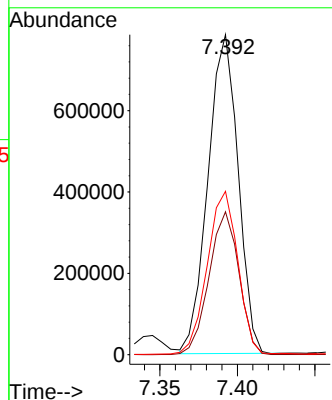
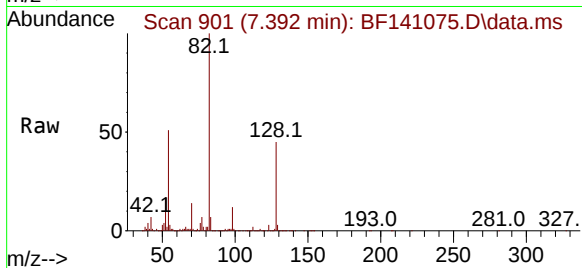
BNA_F

ClientSampleId :

SU-03-1-03-2025MS

Tgt Ion: 82 Resp: 1060299

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.4	51.6
54	51.1	42.4	63.6



#24

Nitrobenzene

Concen: 44.717 ng

RT: 7.410 min Scan# 904

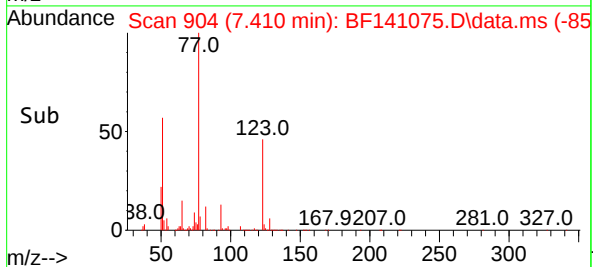
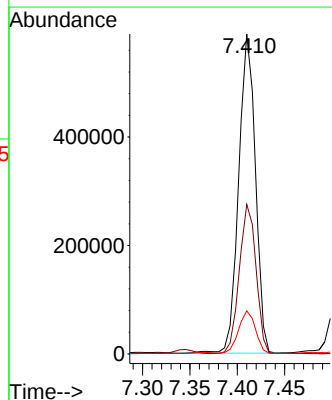
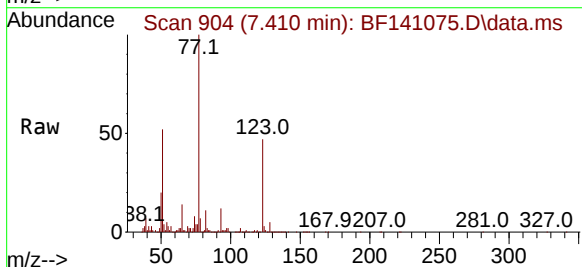
Delta R.T. -0.000 min

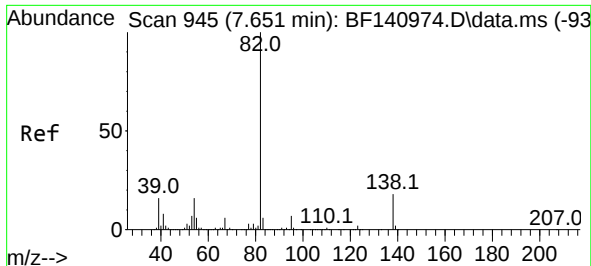
Lab File: BF141075.D

Acq: 06 Jan 2025 14:53

Tgt Ion: 77 Resp: 721970

Ion	Ratio	Lower	Upper
77	100		
123	46.8	35.4	53.2
65	13.5	10.7	16.1

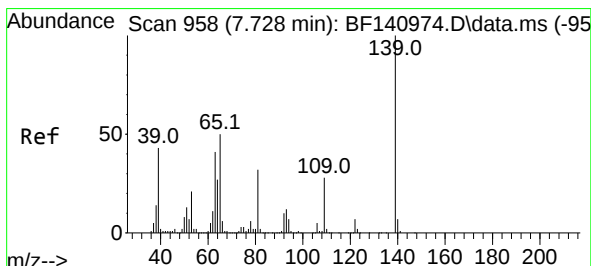
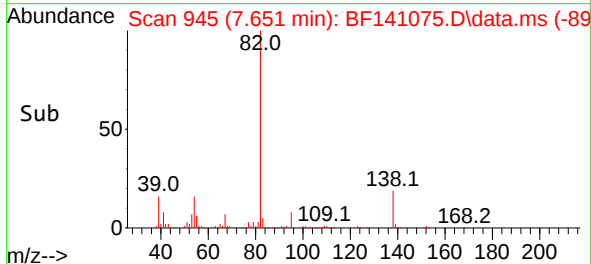
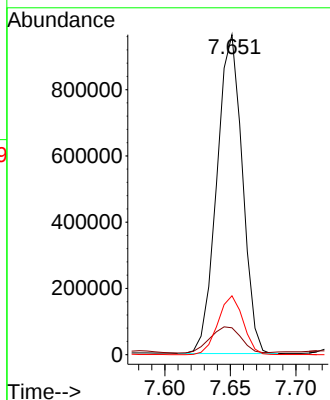
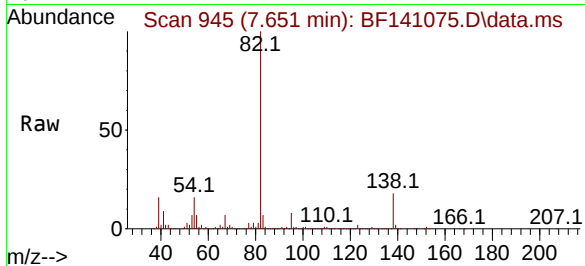




#25
Isophorone
Concen: 41.373 ng
RT: 7.651 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

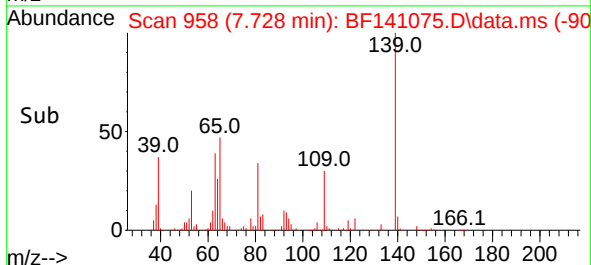
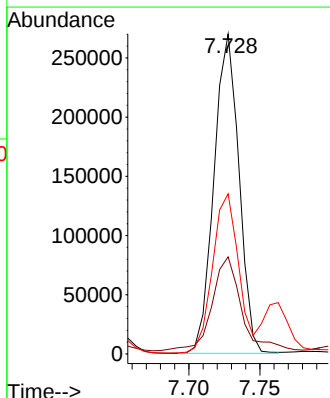
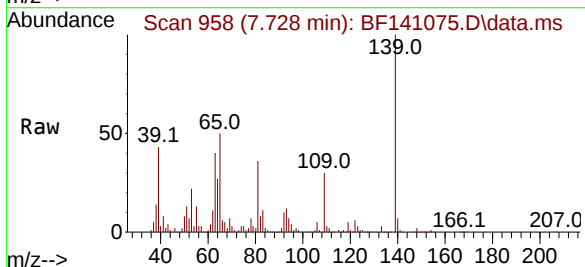
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MS

Tgt Ion: 82 Resp: 1300834
Ion Ratio Lower Upper
82 100
95 8.4 5.6 8.4
138 18.4 14.6 21.8



#26
2-Nitrophenol
Concen: 49.679 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

Tgt Ion:139 Resp: 330082
Ion Ratio Lower Upper
139 100
109 30.4 22.2 33.4
65 50.1 40.2 60.4





#27

2,4-Dimethylphenol

Concen: 48.250 ng

RT: 7.763 min Scan# 9

Delta R.T. 0.006 min

Lab File: BF141075.D

Acq: 06 Jan 2025 14:53

Instrument :

BNA_F

ClientSampleId :

SU-03-1-03-2025MS

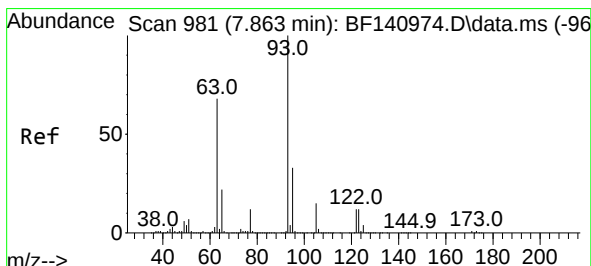
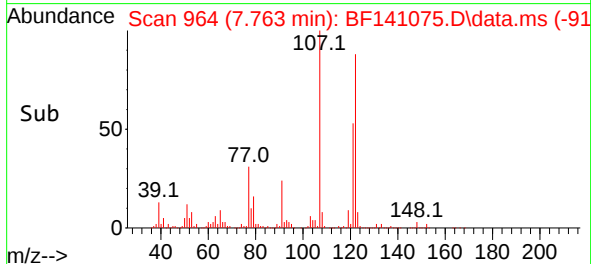
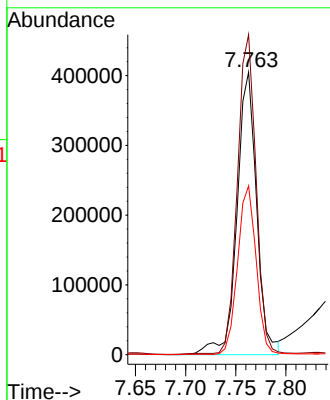
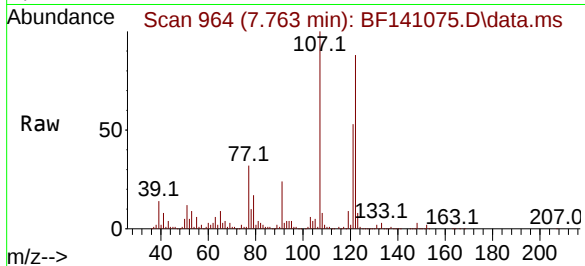
Tgt Ion:122 Resp: 554436

Ion Ratio Lower Upper

122 100

107 113.2 89.4 134.2

121 59.7 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 39.738 ng

RT: 7.863 min Scan# 981

Delta R.T. -0.000 min

Lab File: BF141075.D

Acq: 06 Jan 2025 14:53

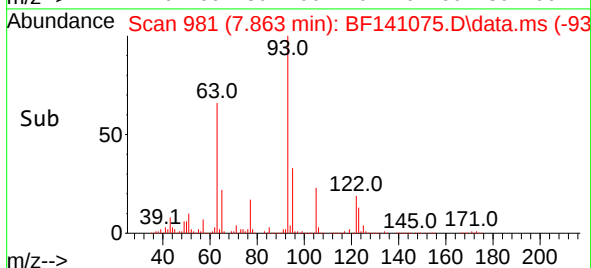
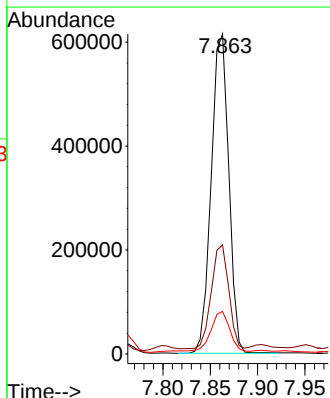
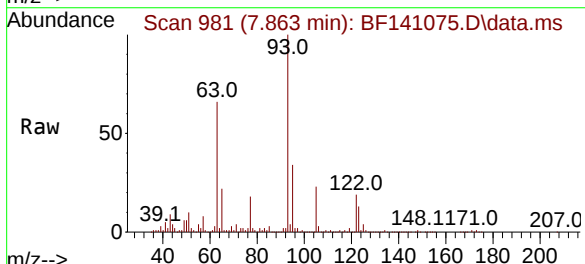
Tgt Ion: 93 Resp: 791624

Ion Ratio Lower Upper

93 100

95 34.1 26.2 39.4

123 13.3 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 40.304 ng

RT: 7.963 min Scan# 998

Delta R.T. -0.000 min

Lab File: BF141075.D

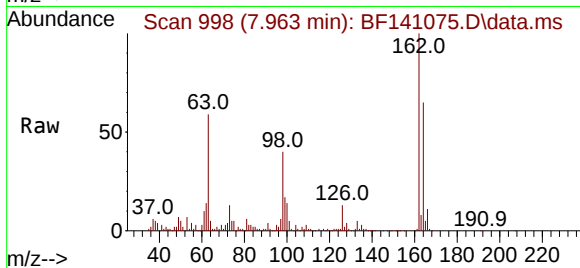
Acq: 06 Jan 2025 14:53

Instrument :

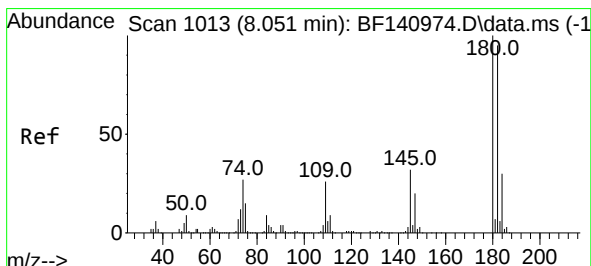
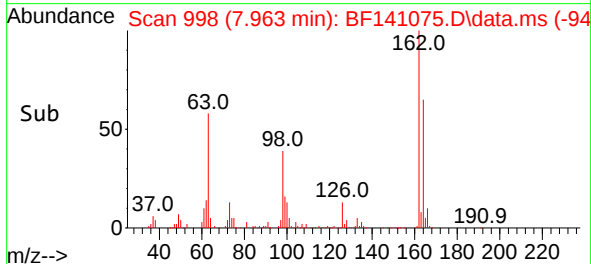
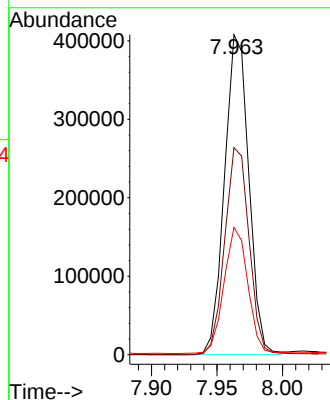
BNA_F

ClientSampleId :

SU-03-1-03-2025MS



Tgt Ion:162	Resp:	525266
Ion	Ratio	Lower Upper
162	100	
164	64.7	44.8 84.8
98	39.8	18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 37.751 ng

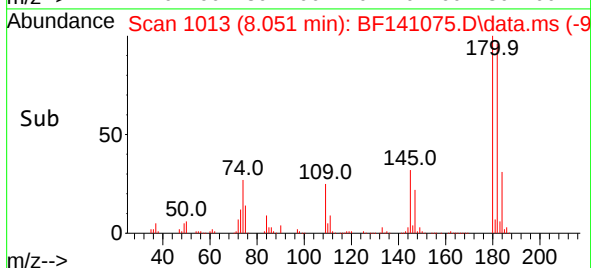
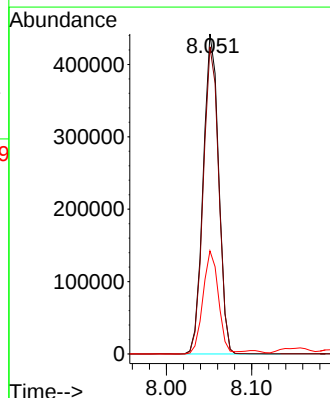
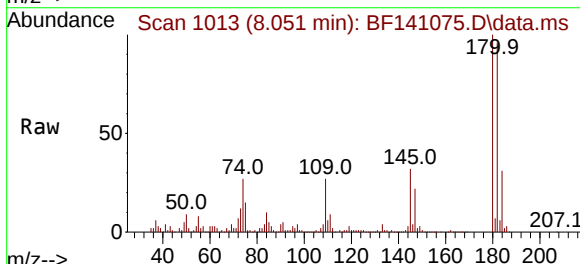
RT: 8.051 min Scan# 1013

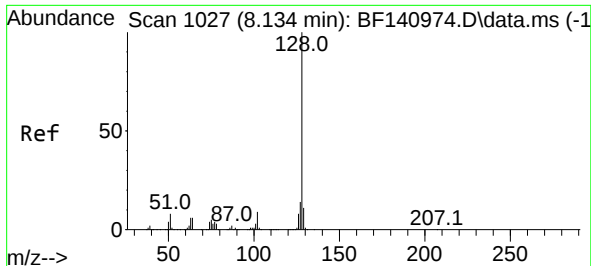
Delta R.T. -0.000 min

Lab File: BF141075.D

Acq: 06 Jan 2025 14:53

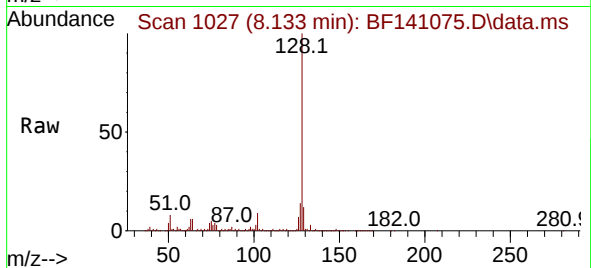
Tgt Ion:180	Resp:	556856
Ion	Ratio	Lower Upper
180	100	
182	96.0	76.2 114.4
145	32.2	25.4 38.2



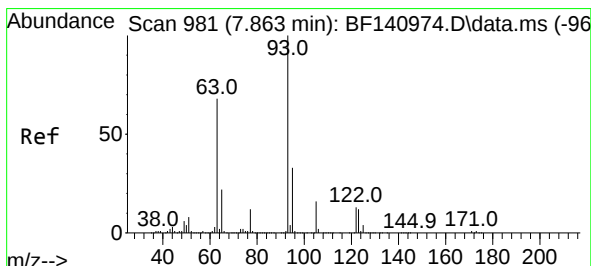
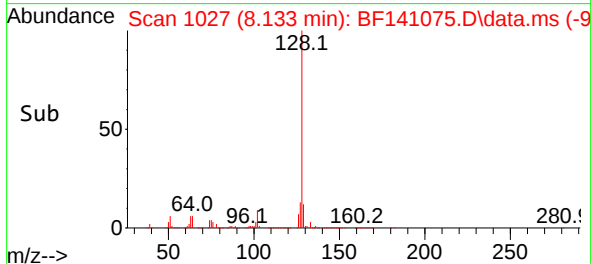
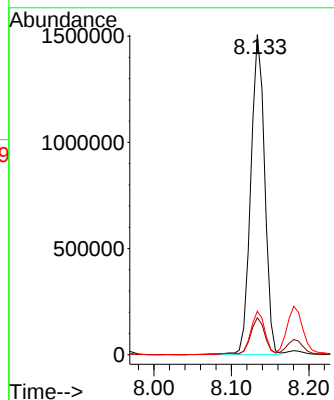


#31
Naphthalene
Concen: 38.420 ng
RT: 8.133 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

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

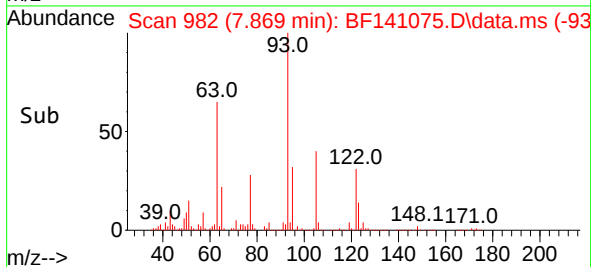
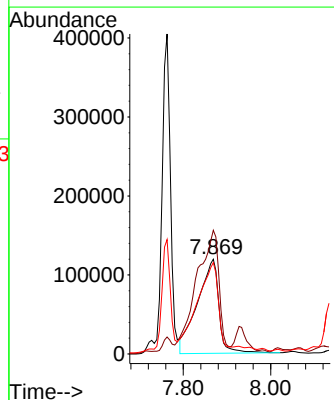
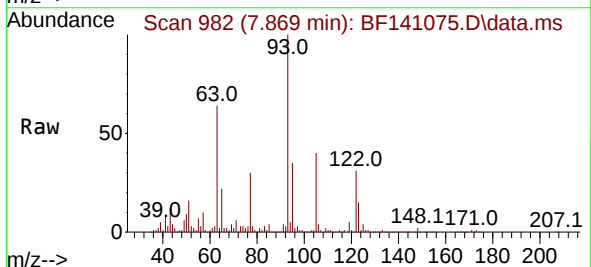


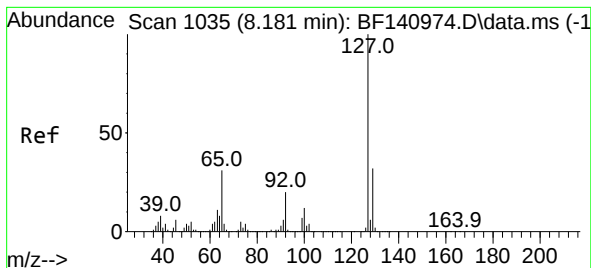
Tgt Ion:128 Resp: 1871478
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.6 11.0 16.4



#32
Benzoic acid
Concen: 43.806 ng
RT: 7.869 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

Tgt Ion:122 Resp: 406680
Ion Ratio Lower Upper
122 100
105 130.5 105.4 145.4
77 96.4 76.4 116.4





#33

4-Chloroaniline

Concen: 18.430 ng

RT: 8.181 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF141075.D

Acq: 06 Jan 2025 14:53

Instrument :

BNA_F

ClientSampleId :

SU-03-1-03-2025MS

Tgt Ion:127 Resp: 324782

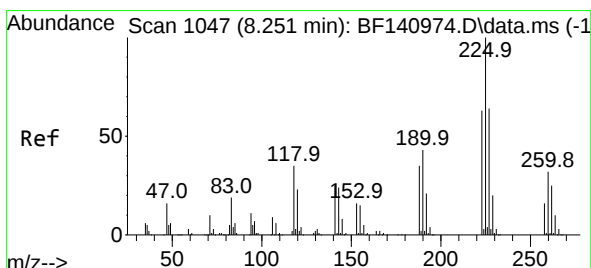
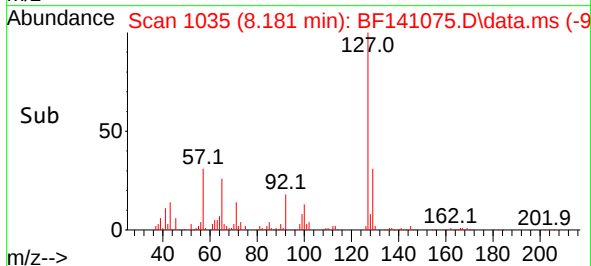
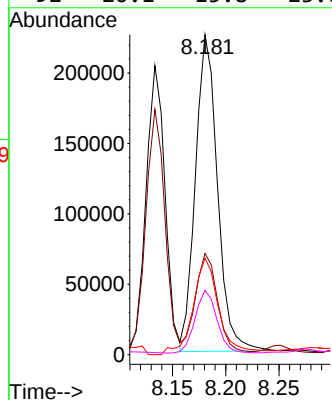
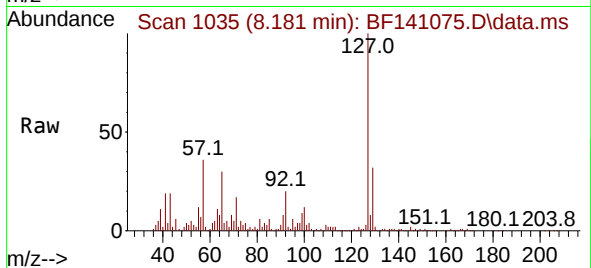
Ion Ratio Lower Upper

127 100

129 31.7 26.1 39.1

65 30.2 24.6 37.0

92 20.1 15.8 23.6



#34

Hexachlorobutadiene

Concen: 39.939 ng

RT: 8.251 min Scan# 1047

Delta R.T. -0.000 min

Lab File: BF141075.D

Acq: 06 Jan 2025 14:53

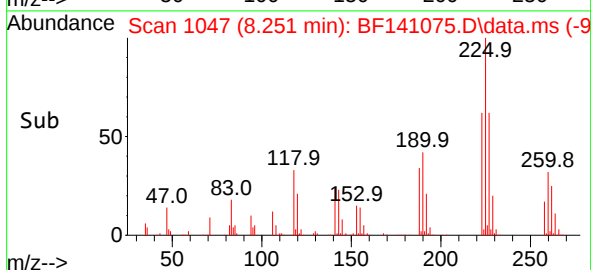
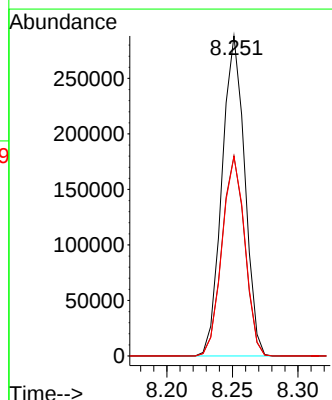
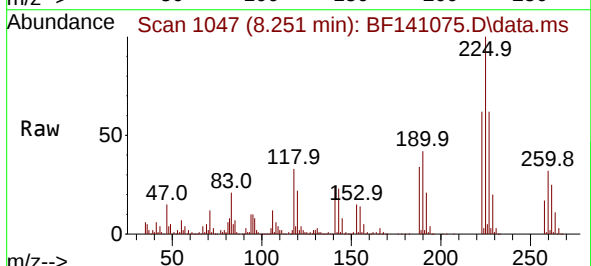
Tgt Ion:225 Resp: 347311

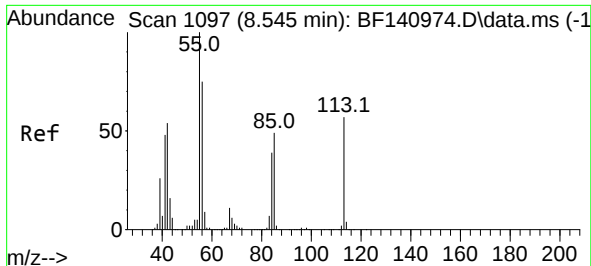
Ion Ratio Lower Upper

225 100

223 62.5 50.3 75.5

227 62.3 50.8 76.2

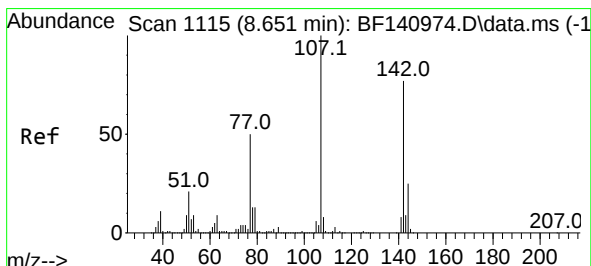
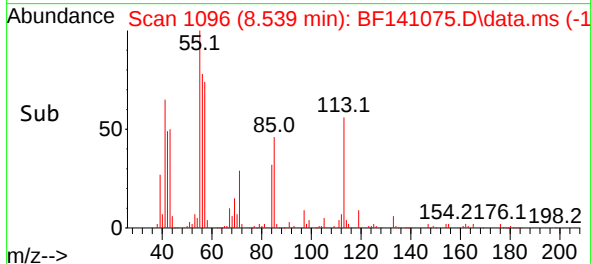
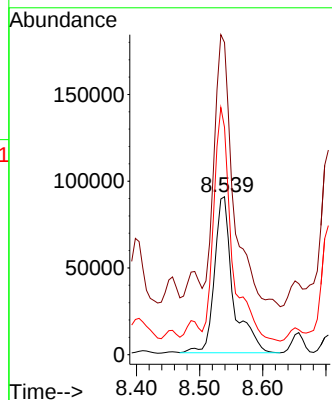
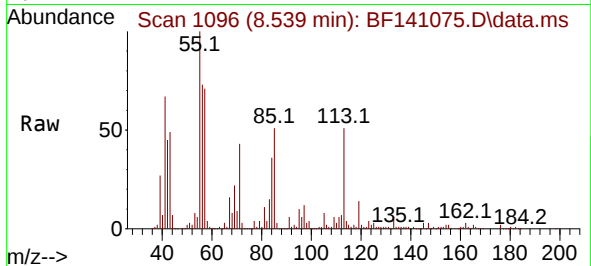




#35
Caprolactam
Concen: 41.934 ng
RT: 8.539 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

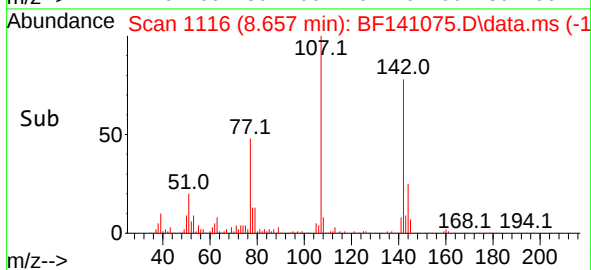
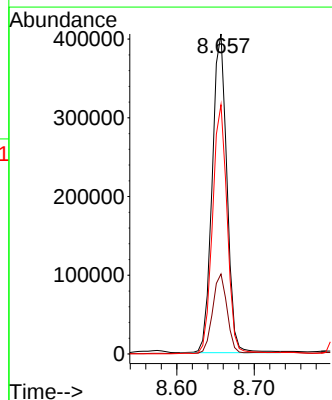
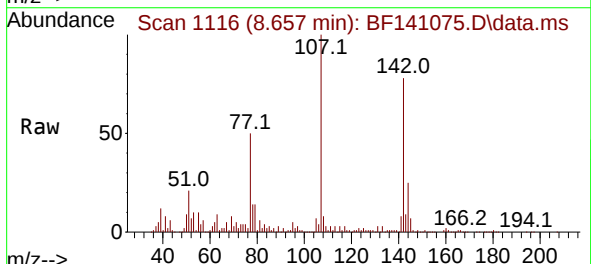
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MS

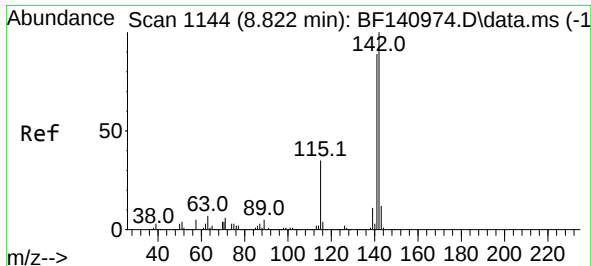
Tgt Ion:113 Resp: 185790
Ion Ratio Lower Upper
113 100
55 197.7 156.6 196.6#
56 144.0 111.7 151.7



#36
4-Chloro-3-methylphenol
Concen: 36.953 ng
RT: 8.657 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

Tgt Ion:107 Resp: 534830
Ion Ratio Lower Upper
107 100
144 25.0 19.9 29.9
142 77.9 61.8 92.8





#37

2-Methylnaphthalene

Concen: 37.909 ng

RT: 8.822 min Scan# 1144

Delta R.T. -0.000 min

Lab File: BF141075.D

Acq: 06 Jan 2025 14:53

Instrument :

BNA_F

ClientSampleId :

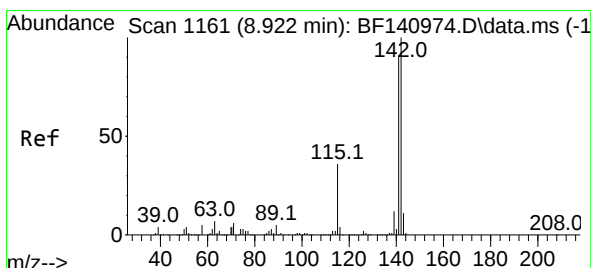
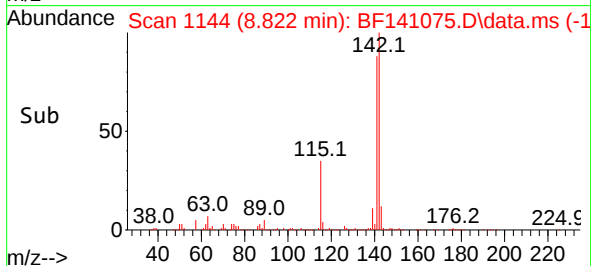
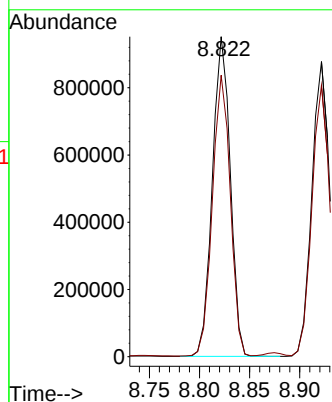
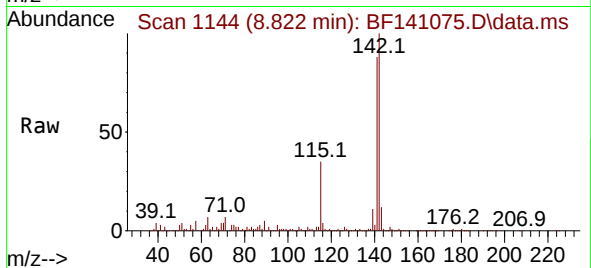
SU-03-1-03-2025MS

Tgt Ion:142 Resp: 1181337

Ion Ratio Lower Upper

142 100

141 87.9 71.1 106.7



#38

1-Methylnaphthalene

Concen: 35.208 ng

RT: 8.922 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BF141075.D

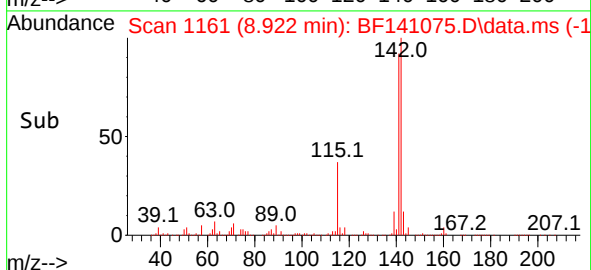
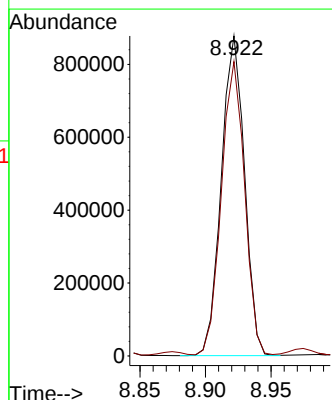
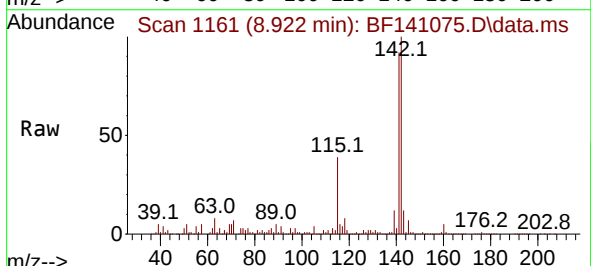
Acq: 06 Jan 2025 14:53

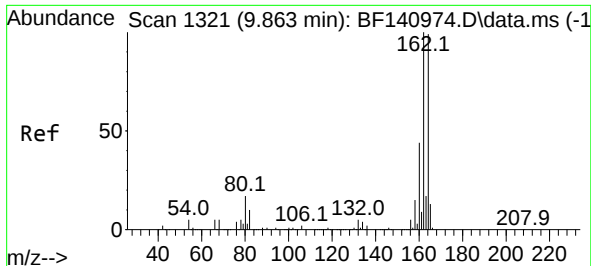
Tgt Ion:142 Resp: 1078280

Ion Ratio Lower Upper

142 100

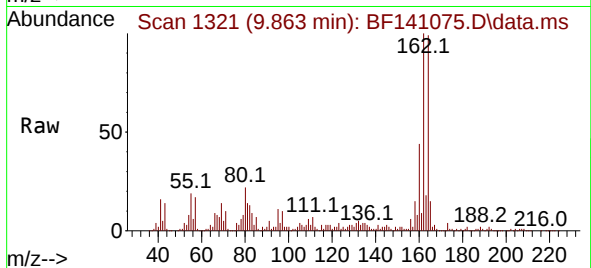
141 92.0 72.7 109.1



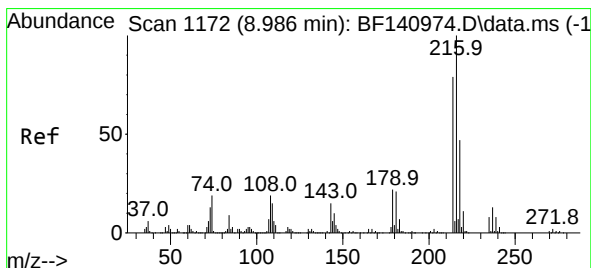
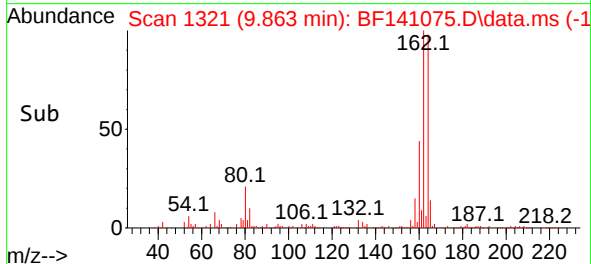
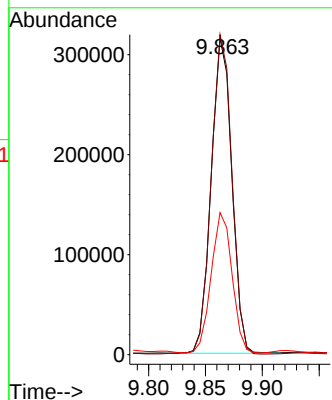


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

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

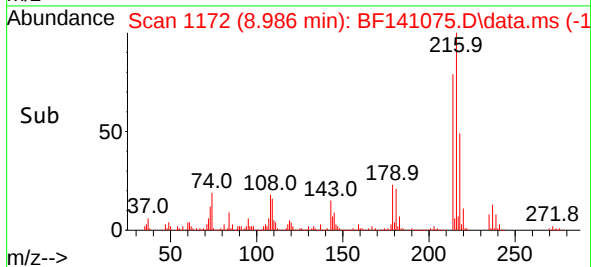
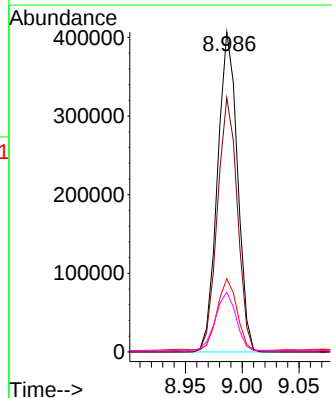
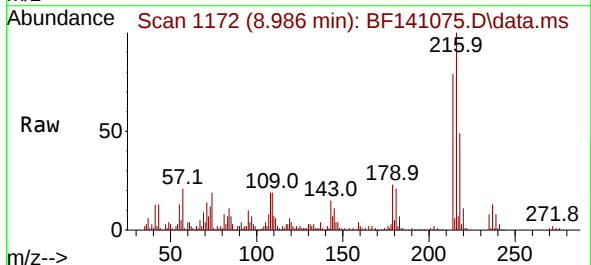


Tgt Ion:164 Resp: 398032
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 44.8 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.490 ng
RT: 8.986 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

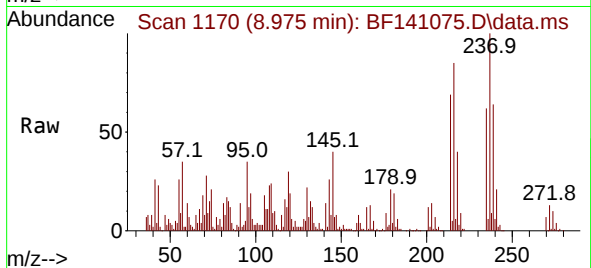
Tgt Ion:216 Resp: 498129
Ion Ratio Lower Upper
216 100
214 79.3 63.0 94.6
179 22.1 17.9 26.9
108 18.9 16.2 24.2



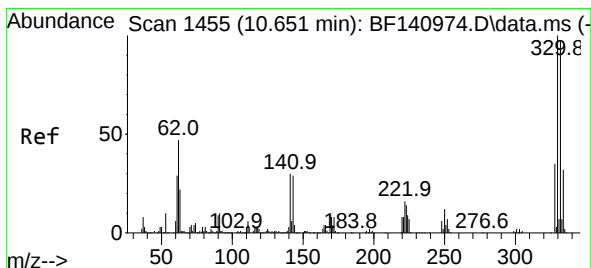
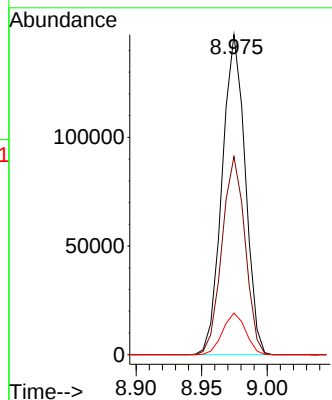
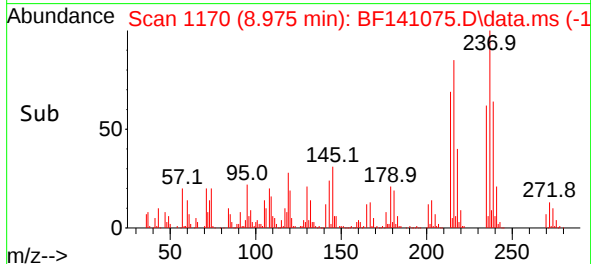


#41
Hexachlorocyclopentadiene
Concen: 49.619 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

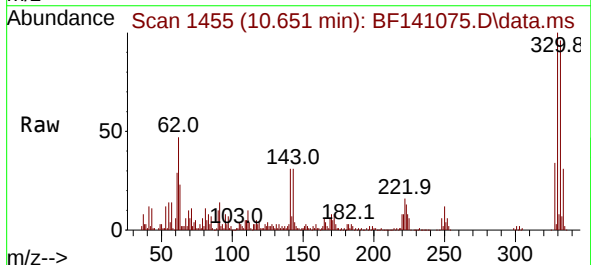
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MS



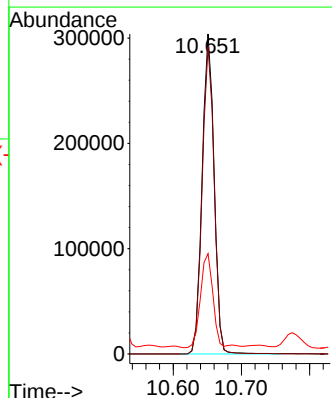
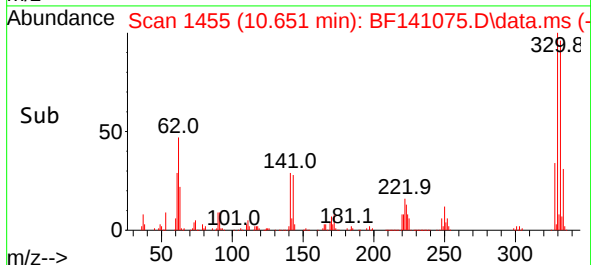
Tgt Ion: 237 Resp: 180060
Ion Ratio Lower Upper
237 100
235 61.9 43.4 83.4
272 13.0 0.0 32.6

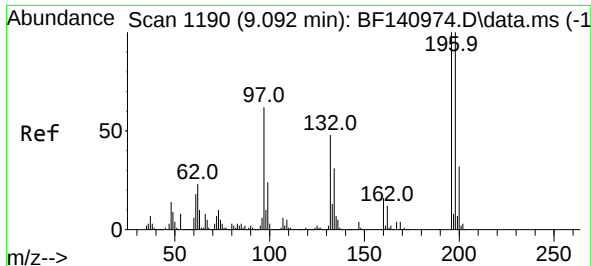


#42
2,4,6-Tribromophenol
Concen: 96.386 ng
RT: 10.651 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53



Tgt Ion: 330 Resp: 372792
Ion Ratio Lower Upper
330 100
332 96.0 78.0 117.0
141 30.4 26.4 39.6

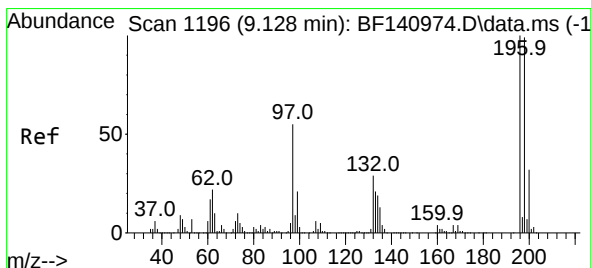
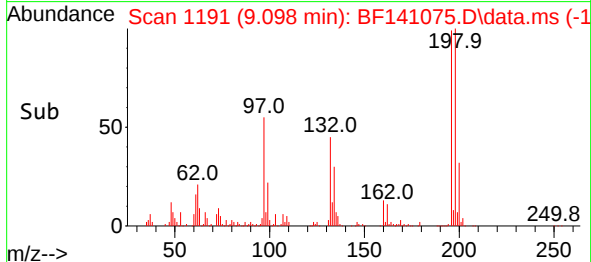
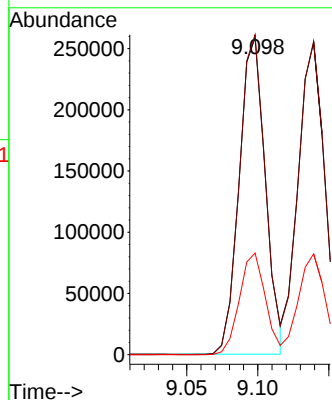
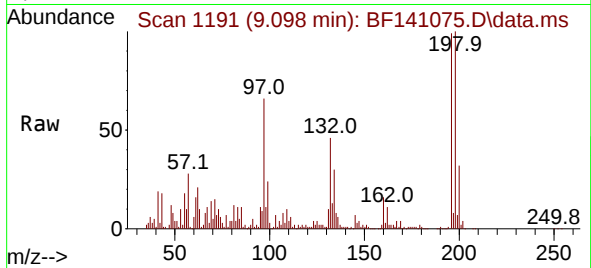




#43
2,4,6-Trichlorophenol
Concen: 45.384 ng
RT: 9.098 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

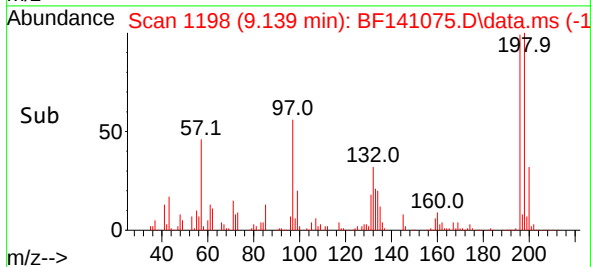
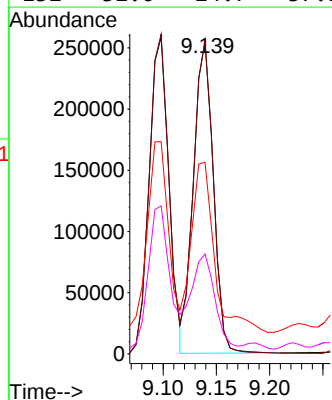
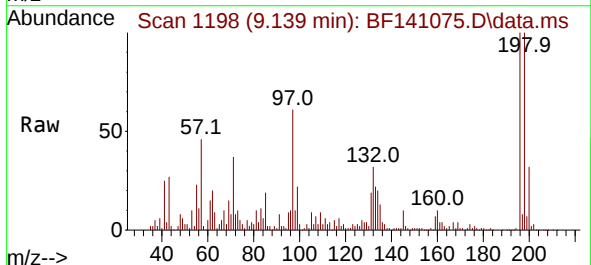
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MS

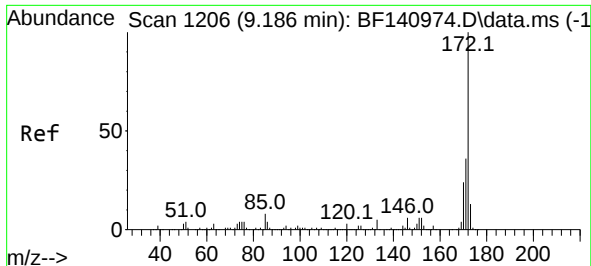
Tgt Ion:196 Resp: 330757
Ion Ratio Lower Upper
196 100
198 100.9 80.2 120.4
200 32.0 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 44.299 ng
RT: 9.139 min Scan# 1198
Delta R.T. 0.012 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

Tgt Ion:196 Resp: 330338
Ion Ratio Lower Upper
196 100
198 100.5 79.9 119.9
97 61.4 44.3 66.5
132 32.0 24.7 37.1

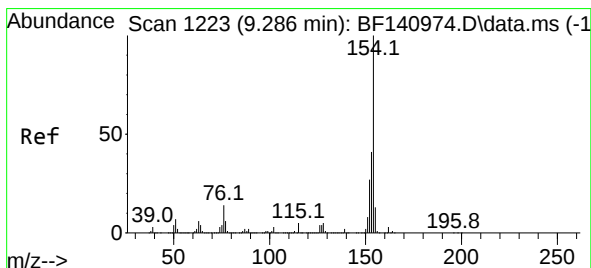
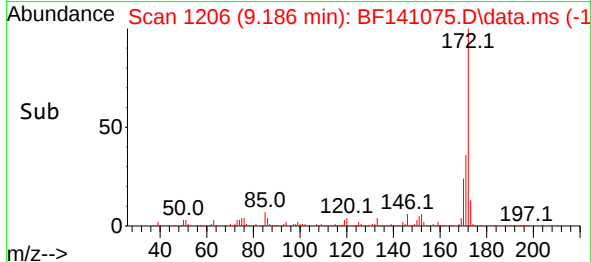
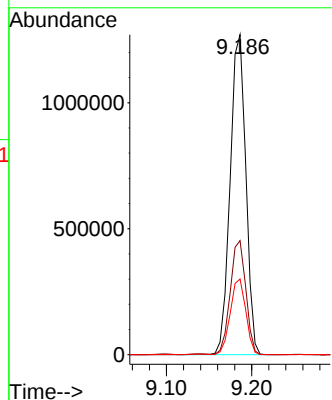
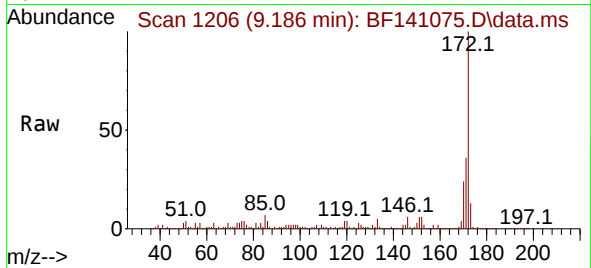




#45
2-Fluorobiphenyl
Concen: 64.908 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

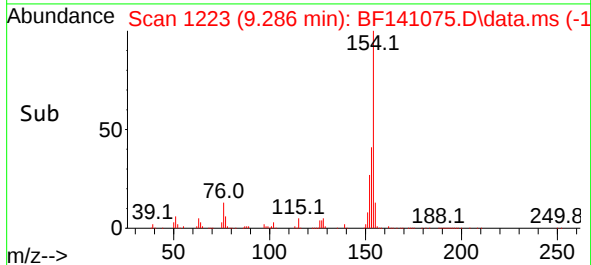
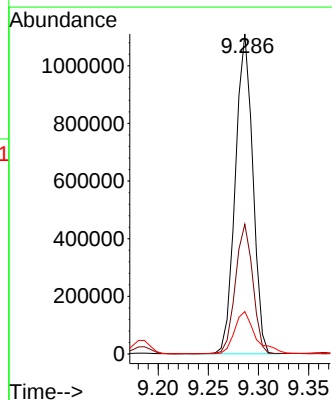
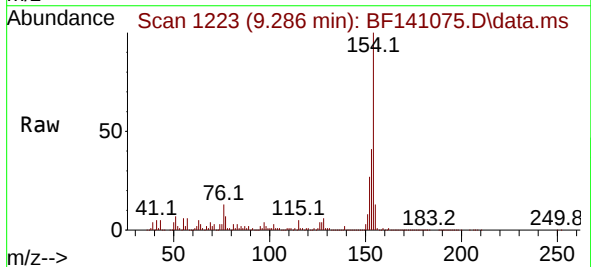
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MS

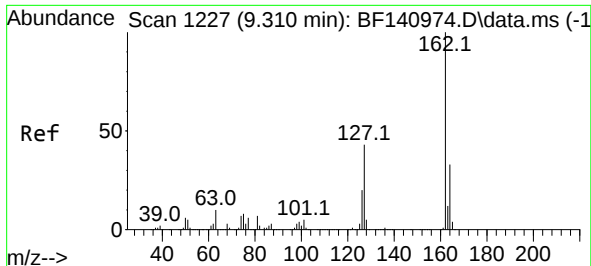
Tgt Ion:172 Resp: 1621577
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.4
170 23.7 19.6 29.4



#46
1,1'-Biphenyl
Concen: 44.172 ng
RT: 9.286 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

Tgt Ion:154 Resp: 1346246
Ion Ratio Lower Upper
154 100
153 40.5 20.9 60.9
76 13.2 0.0 34.0





#47

2-Chloronaphthalene

Concen: 41.609 ng

RT: 9.310 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141075.D

Acq: 06 Jan 2025 14:53

Instrument :

BNA_F

ClientSampleId :

SU-03-1-03-2025MS

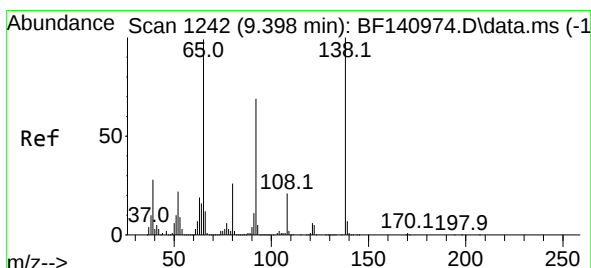
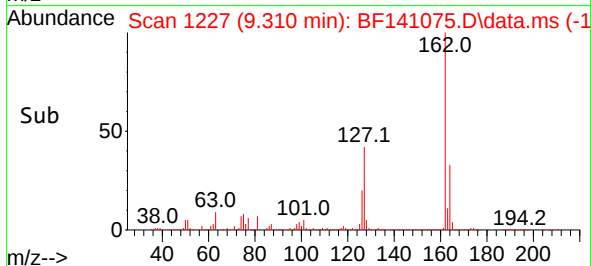
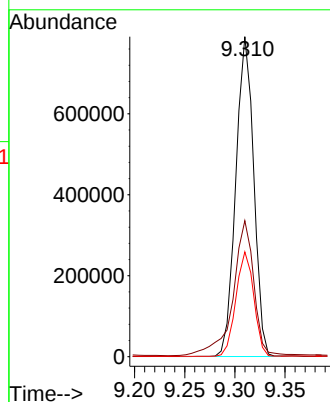
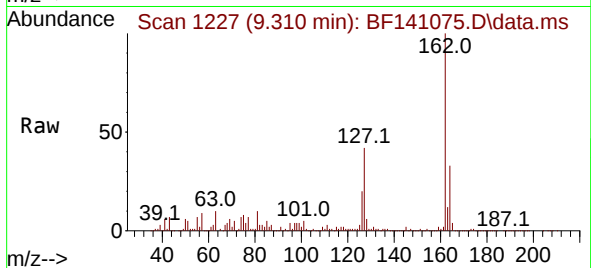
Tgt Ion:162 Resp: 983525

Ion Ratio Lower Upper

162 100

127 42.5 34.2 51.4

164 32.8 26.6 40.0



#48

2-Nitroaniline

Concen: 49.216 ng

RT: 9.404 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF141075.D

Acq: 06 Jan 2025 14:53

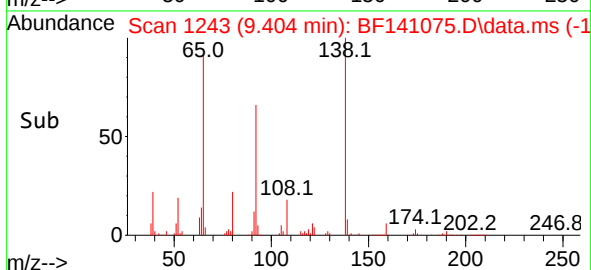
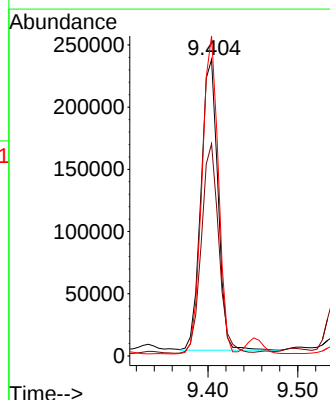
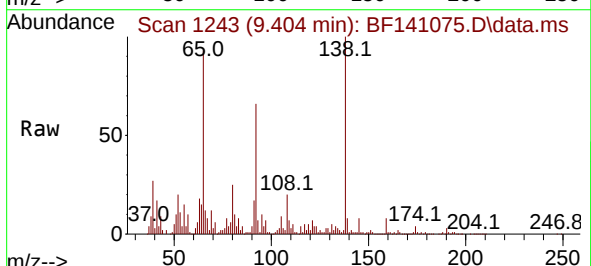
Tgt Ion: 65 Resp: 305138

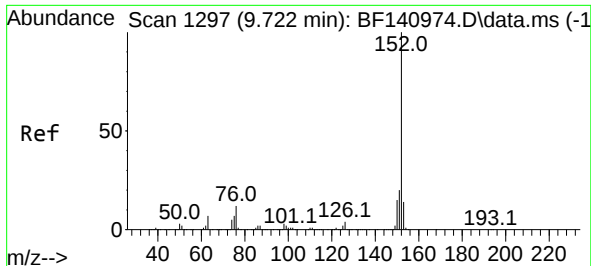
Ion Ratio Lower Upper

65 100

92 71.5 55.6 83.4

138 107.9 80.5 120.7

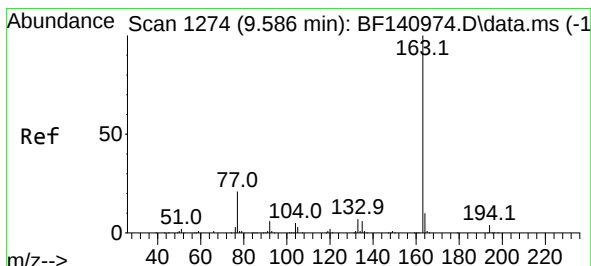
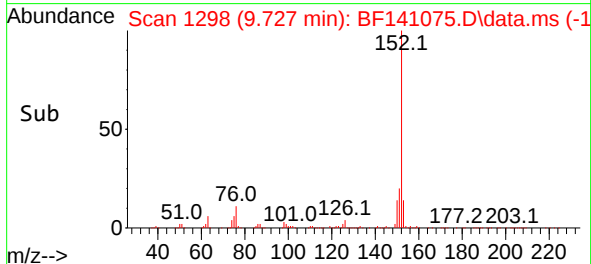
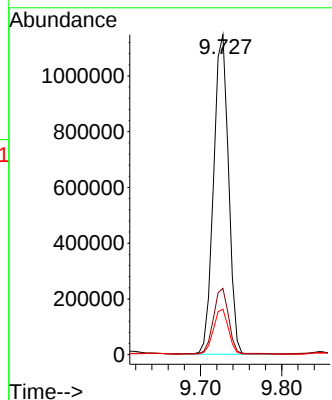
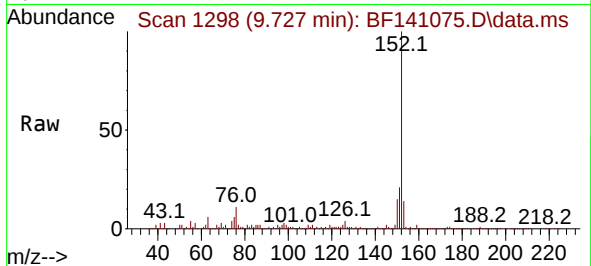




#49
Acenaphthylene
Concen: 43.003 ng
RT: 9.727 min Scan# 1297
Delta R.T. 0.005 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

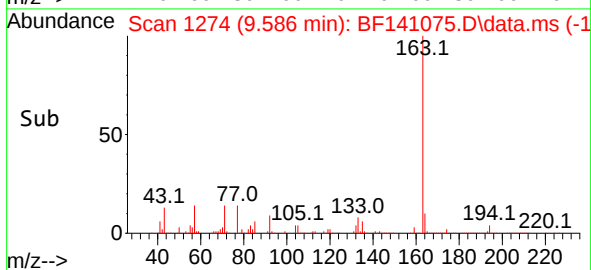
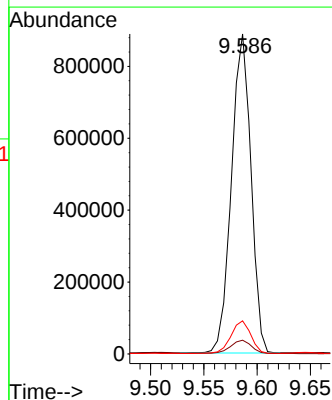
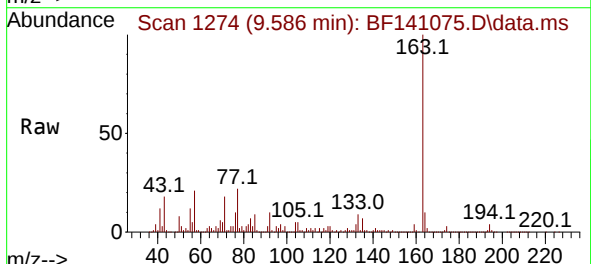
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MS

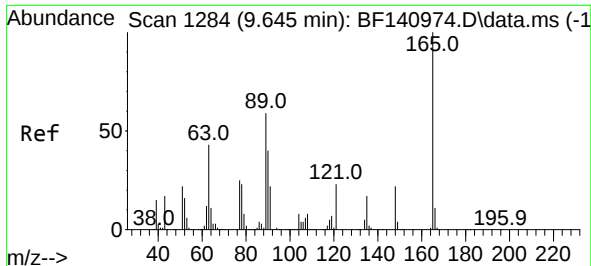
Tgt Ion:152 Resp: 1463267
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 14.2 11.4 17.0



#50
Dimethylphthalate
Concen: 43.154 ng
RT: 9.586 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

Tgt Ion:163 Resp: 1129825
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 10.3 8.3 12.5

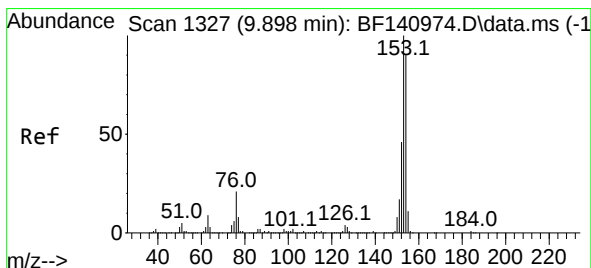
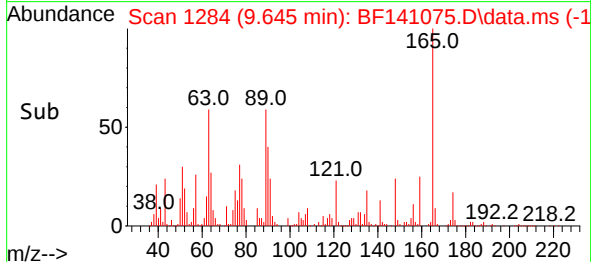
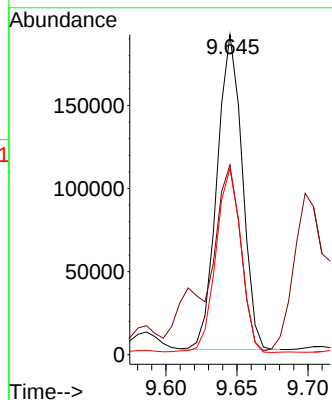
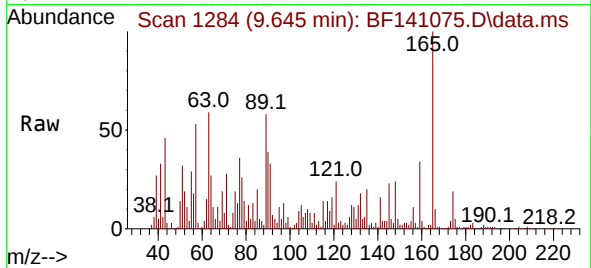




#51
2,6-Dinitrotoluene
Concen: 44.136 ng
RT: 9.645 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

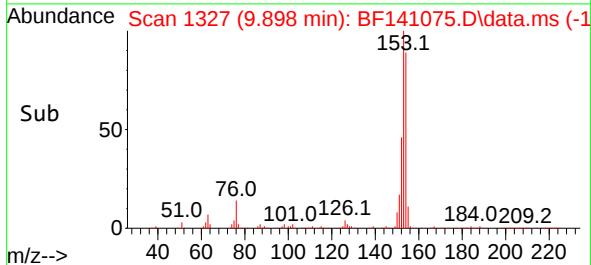
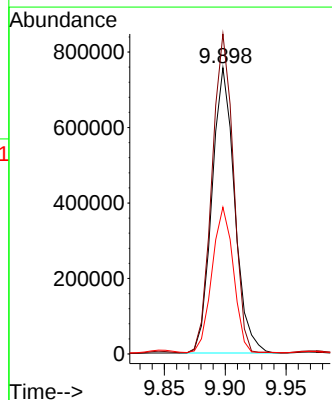
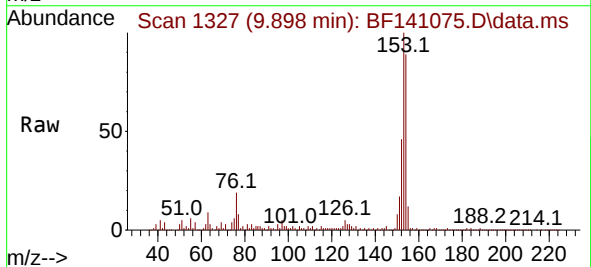
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MS

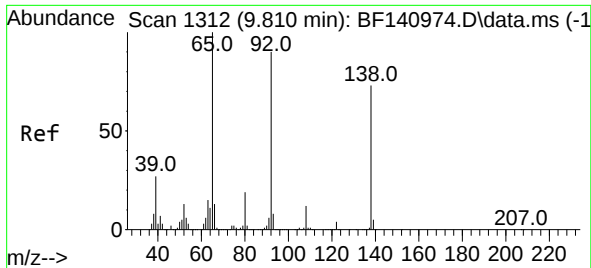
Tgt Ion:165 Resp: 233953
Ion Ratio Lower Upper
165 100
63 59.3 47.1 70.7
89 58.2 47.0 70.4



#52
Acenaphthene
Concen: 42.619 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

Tgt Ion:154 Resp: 980384
Ion Ratio Lower Upper
154 100
153 111.8 89.2 133.8
152 51.3 40.9 61.3

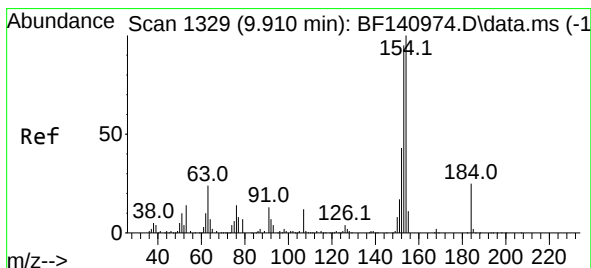
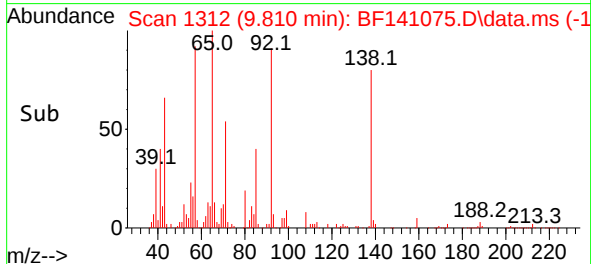
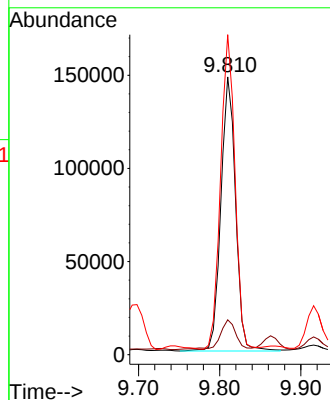
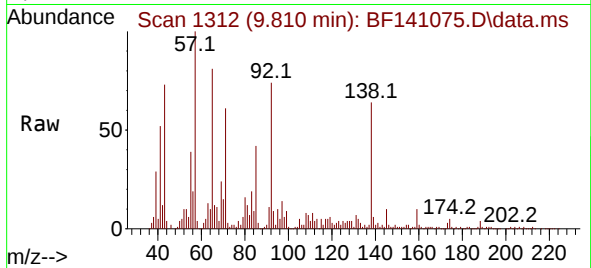




#53
3-Nitroaniline
Concen: 33.040 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

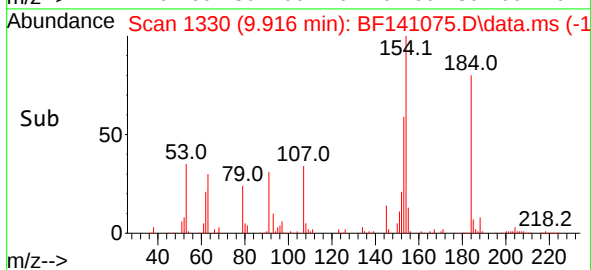
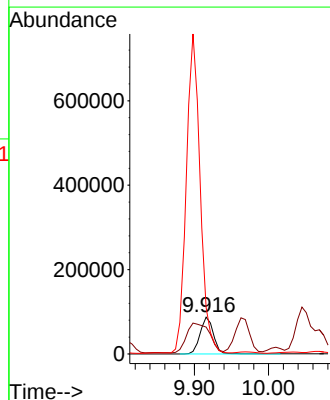
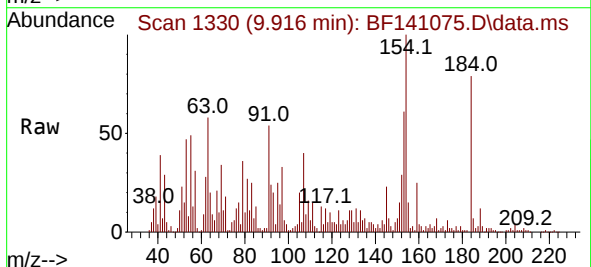
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MS

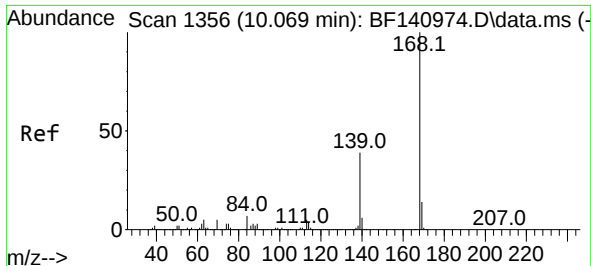
Tgt Ion:138 Resp: 185508
Ion Ratio Lower Upper
138 100
108 12.6 13.5 20.3#
92 115.2 97.7 146.5



#54
2,4-Dinitrophenol
Concen: 59.303 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

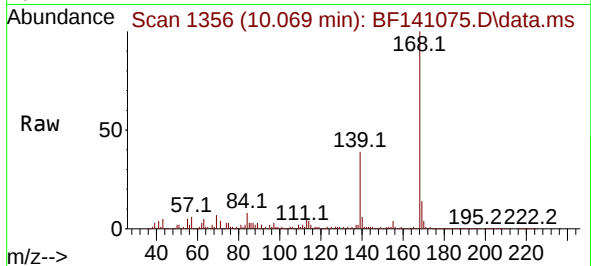
Tgt Ion:184 Resp: 109267
Ion Ratio Lower Upper
184 100
63 73.3 81.6 122.4#
154 126.3 363.5 545.3#



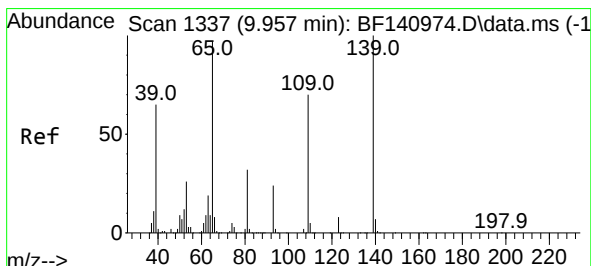
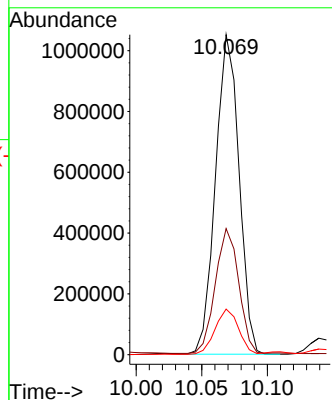
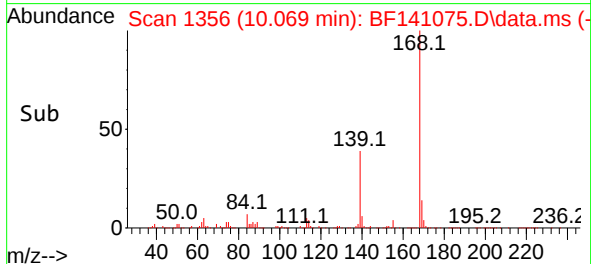


#55
Dibenzenofuran
Concen: 40.500 ng
RT: 10.069 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

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

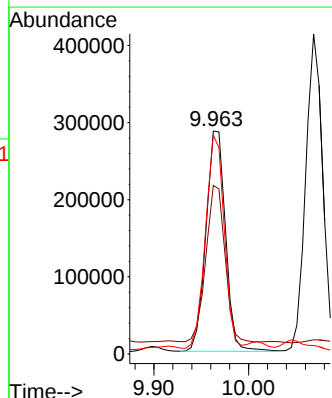
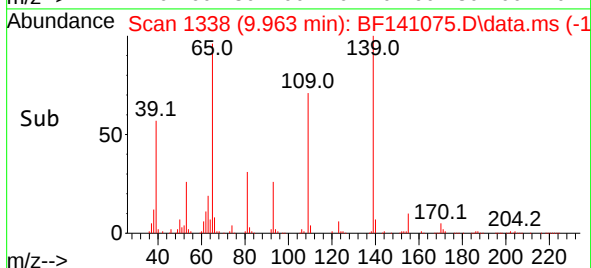
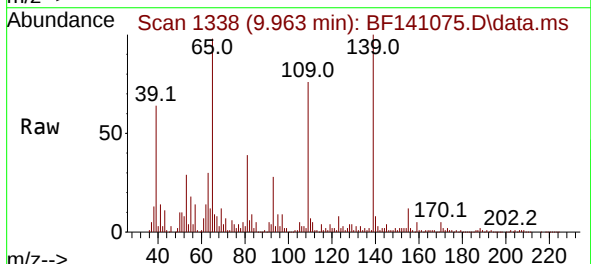


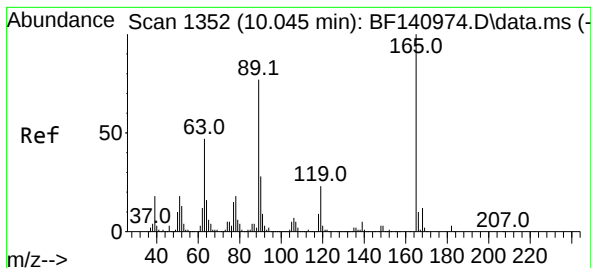
Tgt Ion:168 Resp: 1309295
Ion Ratio Lower Upper
168 100
139 39.4 31.6 47.4
169 14.3 11.0 16.6



#56
4-Nitrophenol
Concen: 91.419 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

Tgt Ion:139 Resp: 409421
Ion Ratio Lower Upper
139 100
109 75.6 50.8 90.8
65 98.2 78.5 118.5

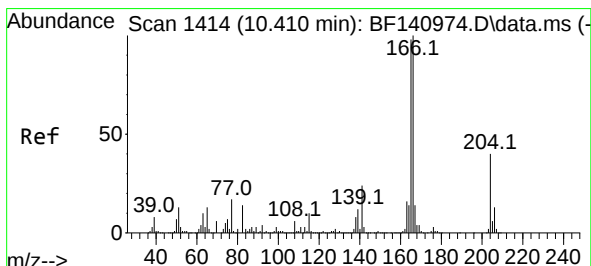
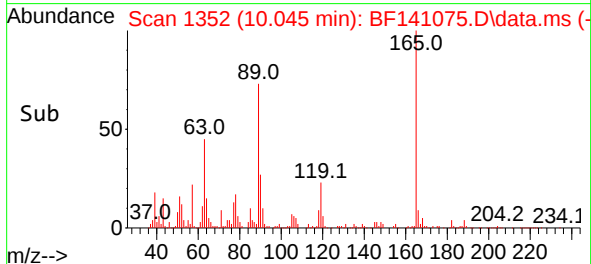
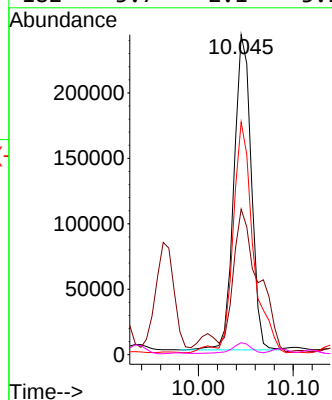
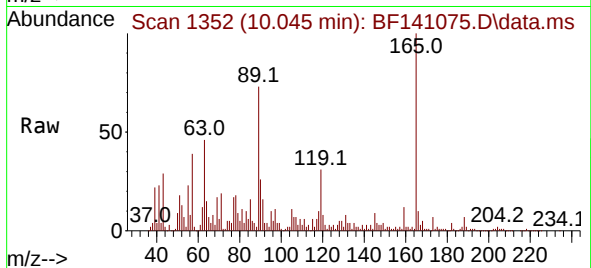




#57
2,4-Dinitrotoluene
Concen: 46.888 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

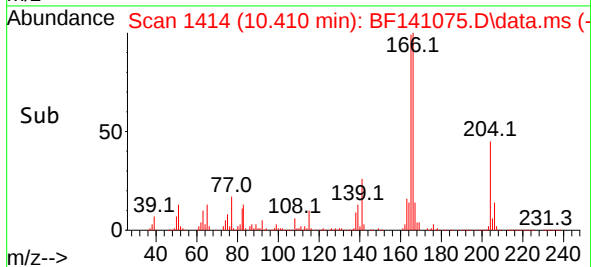
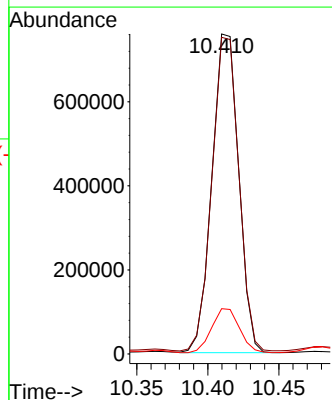
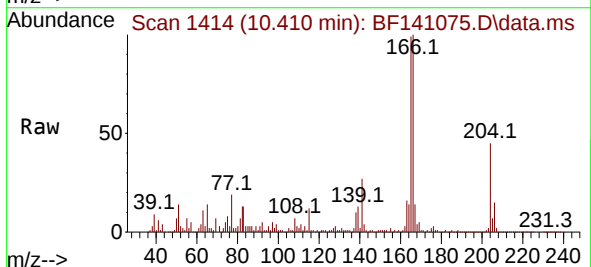
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MS

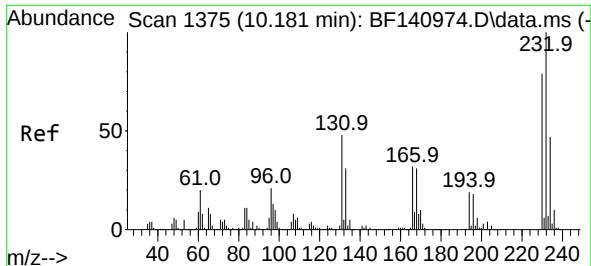
Tgt Ion:165 Resp: 305599
Ion Ratio Lower Upper
165 100
63 45.5 38.1 57.1
89 72.7 61.4 92.2
182 3.7 2.1 3.1#



#58
Fluorene
Concen: 39.634 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

Tgt Ion:166 Resp: 993584
Ion Ratio Lower Upper
166 100
165 98.9 78.3 117.5
167 14.2 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.353 ng

RT: 10.186 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141075.D

Acq: 06 Jan 2025 14:53

Instrument :

BNA_F

ClientSampleId :

SU-03-1-03-2025MS

Tgt Ion:232 Resp: 267746

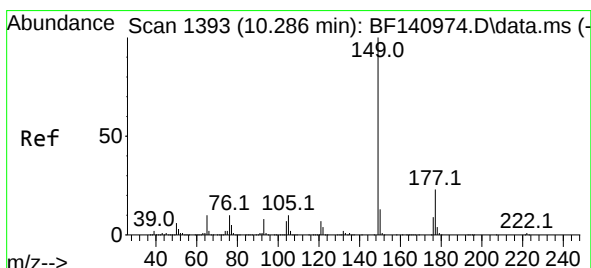
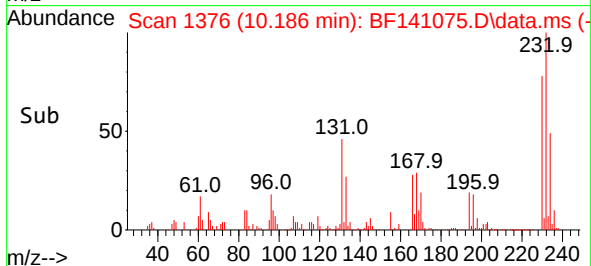
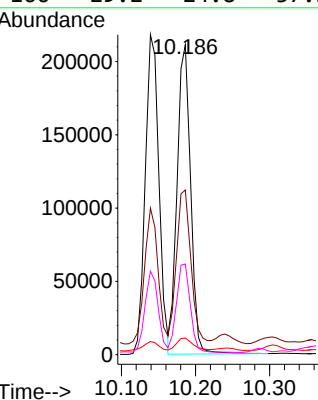
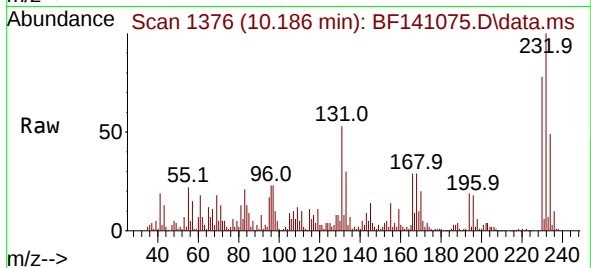
Ion Ratio Lower Upper

232 100

131 52.1 37.4 56.2

130 4.5 1.8 2.8#

166 29.2 24.8 37.2



#60

Diethylphthalate

Concen: 40.420 ng

RT: 10.286 min Scan# 1393

Delta R.T. -0.000 min

Lab File: BF141075.D

Acq: 06 Jan 2025 14:53

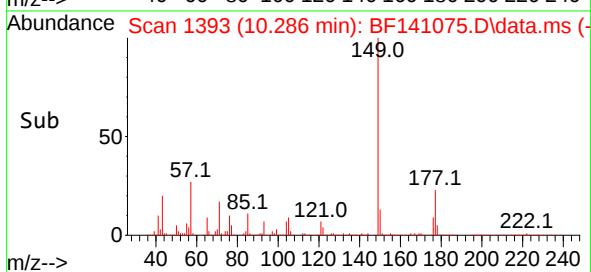
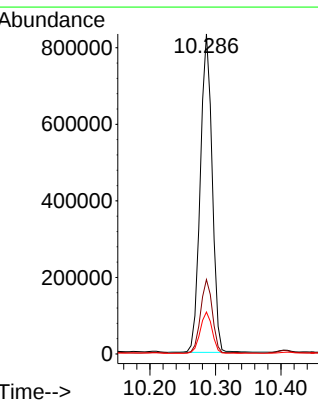
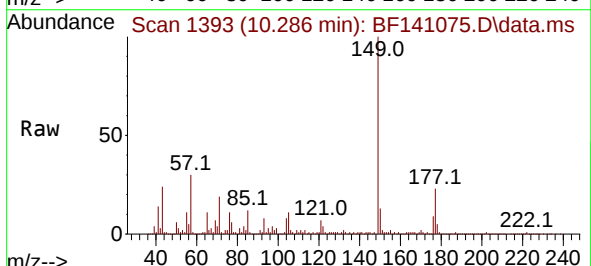
Tgt Ion:149 Resp: 1044726

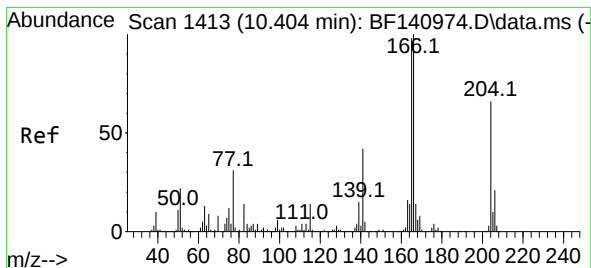
Ion Ratio Lower Upper

149 100

177 23.2 18.3 27.5

150 13.1 10.4 15.6

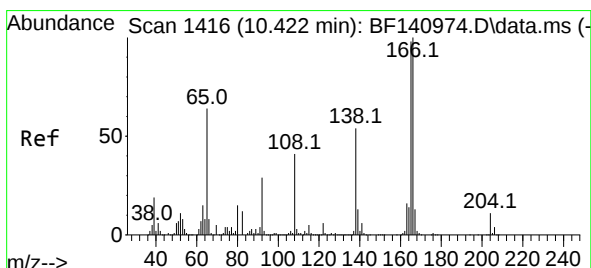
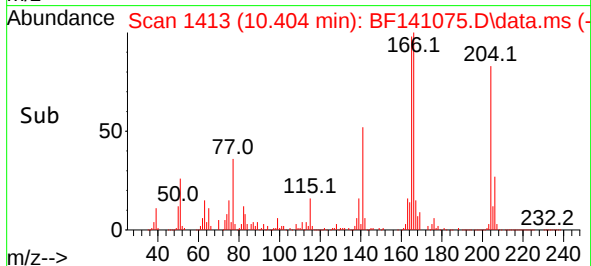
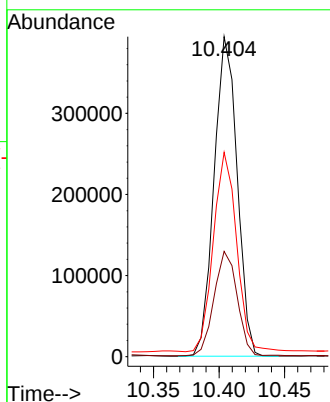
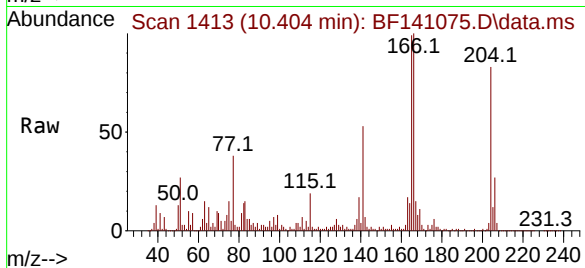




#61
4-Chlorophenyl-phenylether
Concen: 39.976 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

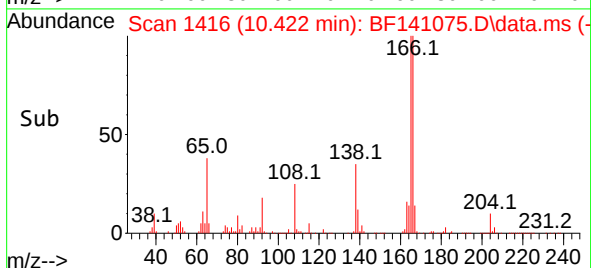
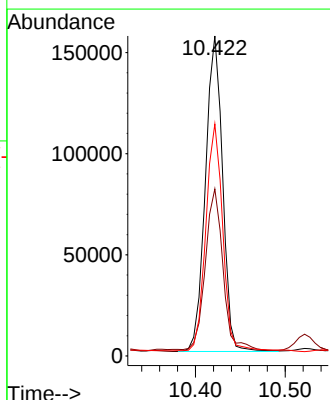
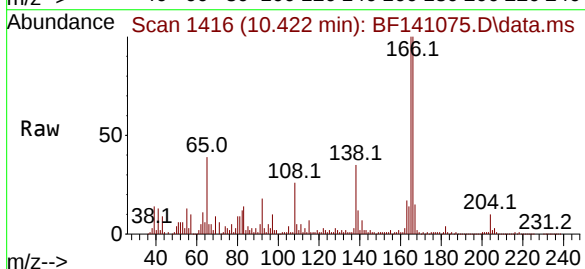
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MS

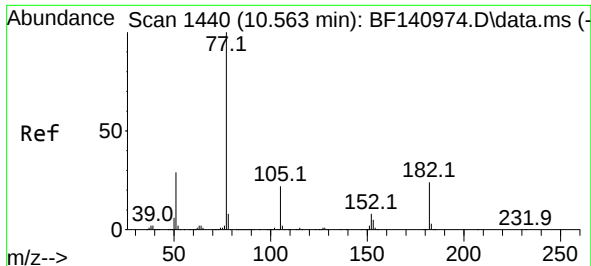
Tgt Ion:204 Resp: 482216
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.6
141 63.9 51.2 76.8



#62
4-Nitroaniline
Concen: 36.596 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

Tgt Ion:138 Resp: 207328
Ion Ratio Lower Upper
138 100
92 52.2 34.8 74.8
108 72.5 55.9 95.9



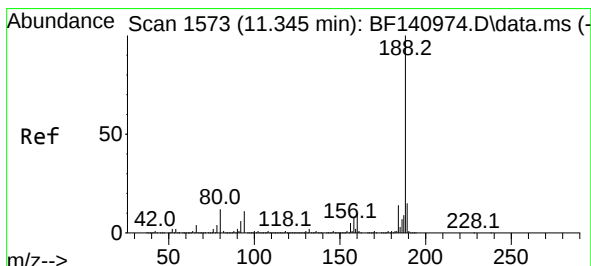
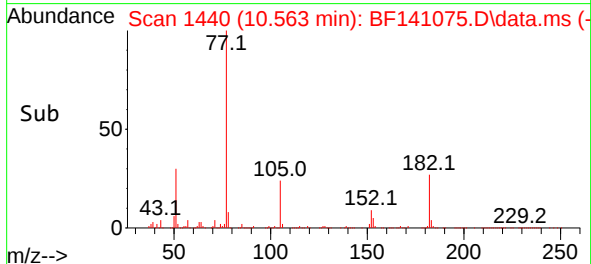
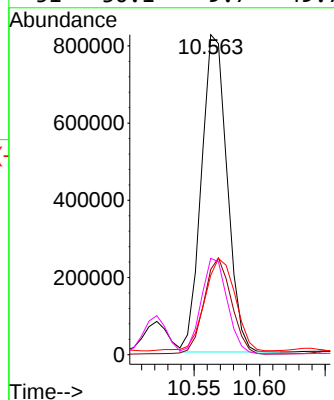
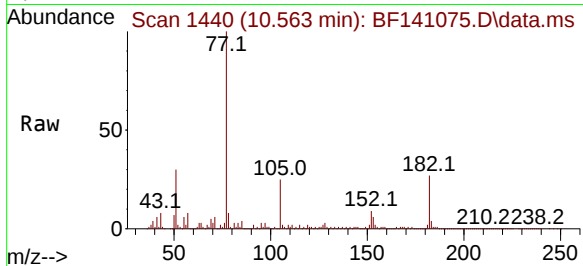


#63
Azobenzene
Concen: 41.278 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

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

Tgt Ion: 77 Resp: 1119846

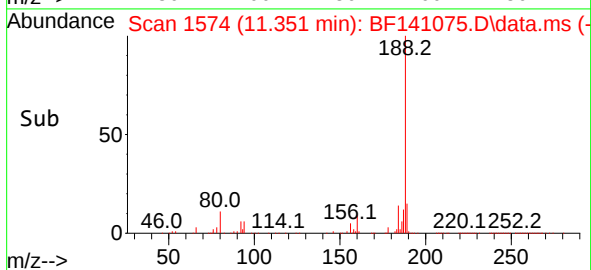
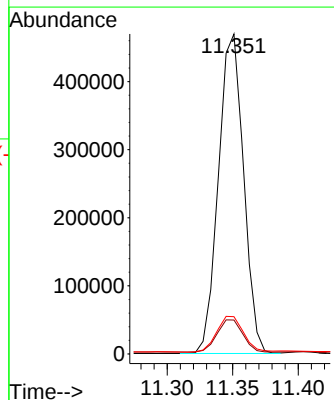
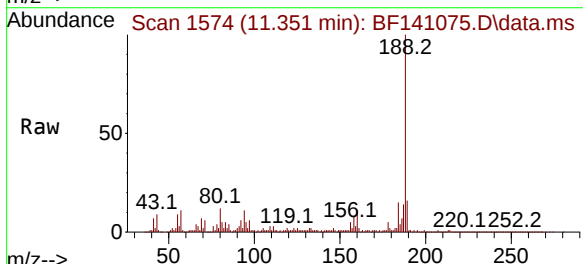
Ion	Ratio	Lower	Upper
77	100		
182	26.7	4.1	44.1
105	24.8	1.8	41.8
51	30.1	9.7	49.7

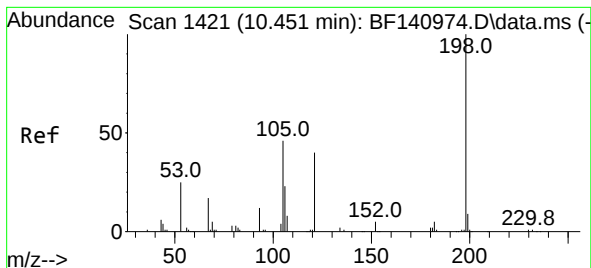


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1574
Delta R.T. 0.006 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

Tgt Ion: 188 Resp: 625013

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.0	13.6
80	11.7	9.8	14.6

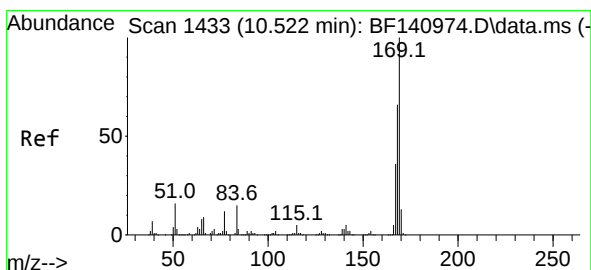
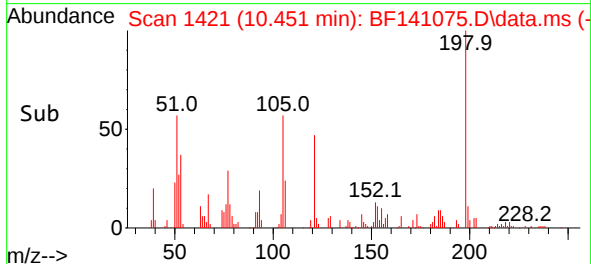
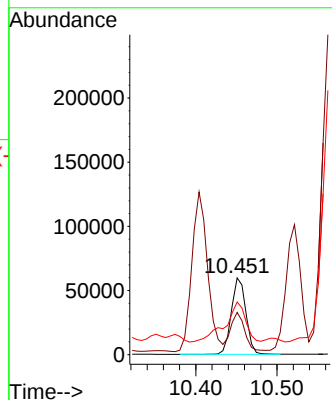
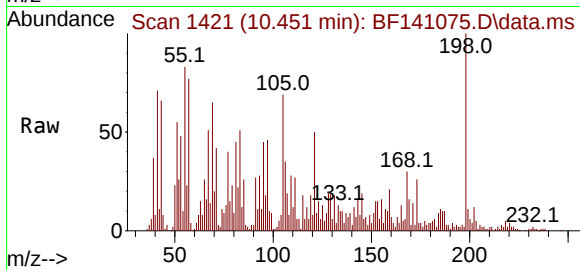




#65
4,6-Dinitro-2-methylphenol
Concen: 33.390 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

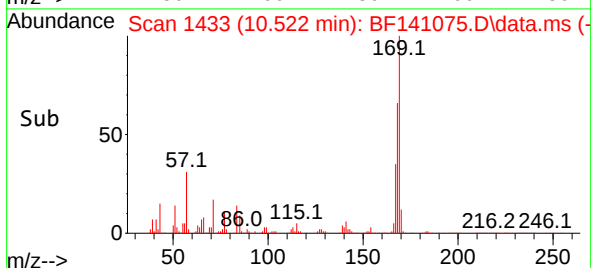
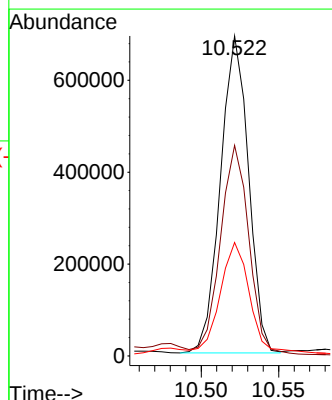
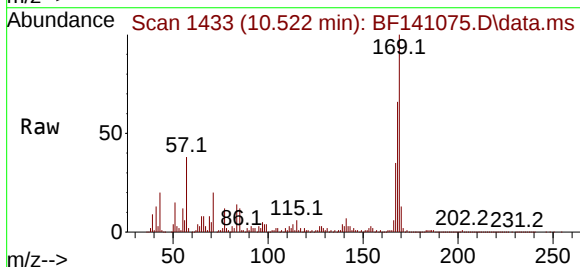
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MS

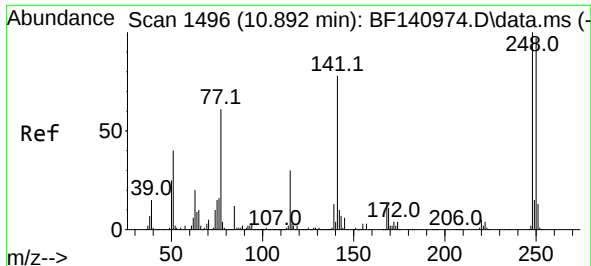
Tgt Ion:198 Resp: 74407
Ion Ratio Lower Upper
198 100
51 55.0 32.3 72.3
105 68.5 28.4 68.4#



#66
n-Nitrosodiphenylamine
Concen: 44.110 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

Tgt Ion:169 Resp: 868158
Ion Ratio Lower Upper
169 100
168 65.8 52.6 79.0
167 35.4 29.0 43.4

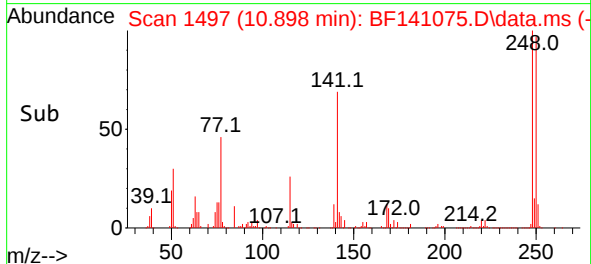
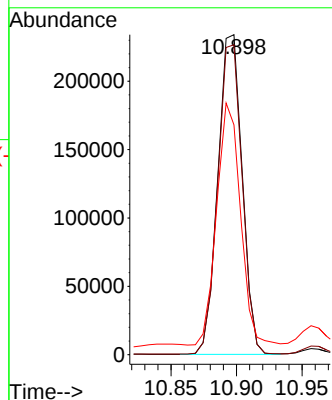
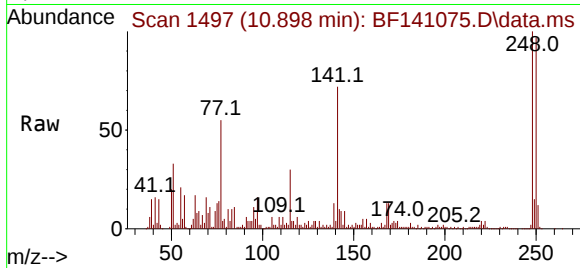




#67
4-Bromophenyl-phenylether
Concen: 44.654 ng
RT: 10.898 min Scan# 1497
Delta R.T. 0.006 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

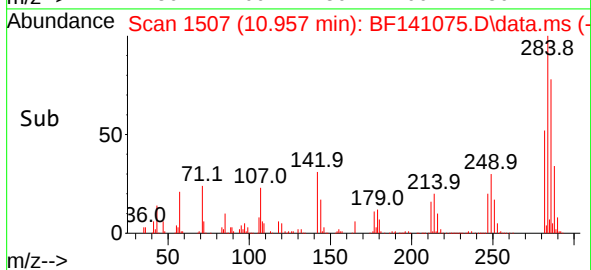
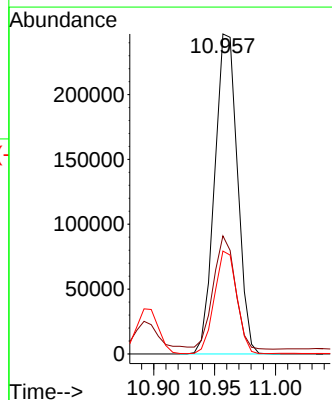
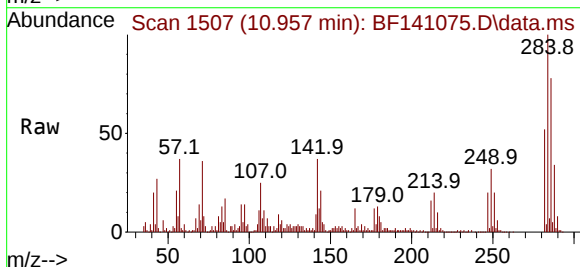
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MS

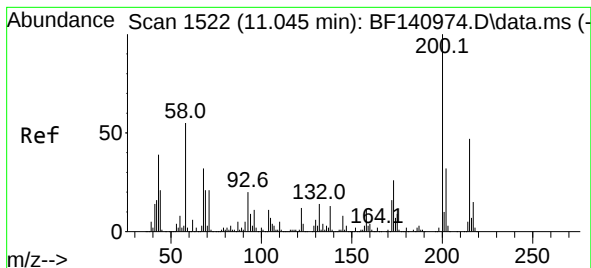
Tgt Ion:248 Resp: 301704
Ion Ratio Lower Upper
248 100
250 96.8 77.7 116.5
141 71.8 62.1 93.1



#68
Hexachlorobenzene
Concen: 43.152 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

Tgt Ion:284 Resp: 321490
Ion Ratio Lower Upper
284 100
142 36.9 27.1 40.7
249 32.1 25.1 37.7





#69

Atrazine

Concen: 54.057 ng

RT: 11.051 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141075.D

Acq: 06 Jan 2025 14:53

Instrument :

BNA_F

ClientSampleId :

SU-03-1-03-2025MS

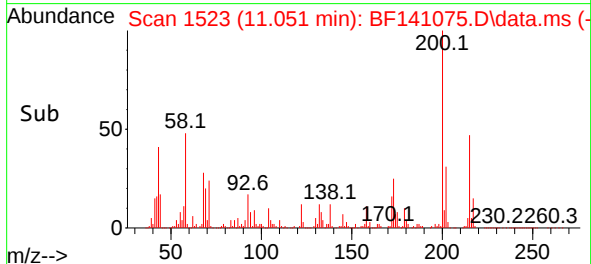
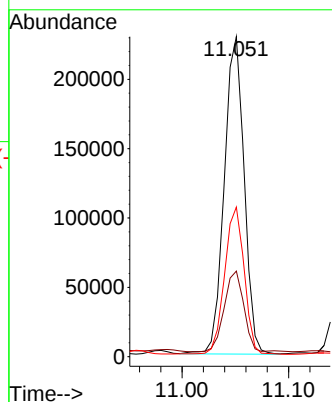
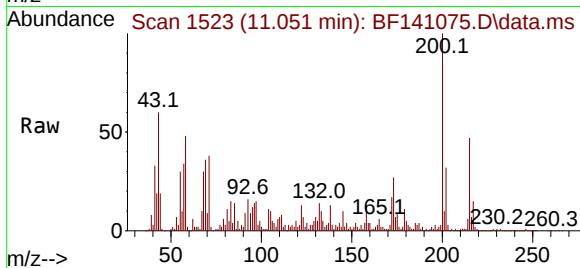
Tgt Ion:200 Resp: 297227

Ion Ratio Lower Upper

200 100

173 26.8 6.4 46.4

215 46.8 27.2 67.2



#70

Pentachlorophenol

Concen: 92.614 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF141075.D

Acq: 06 Jan 2025 14:53

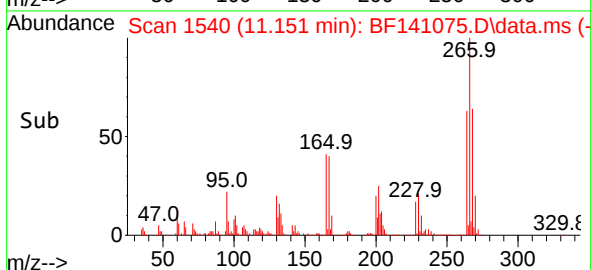
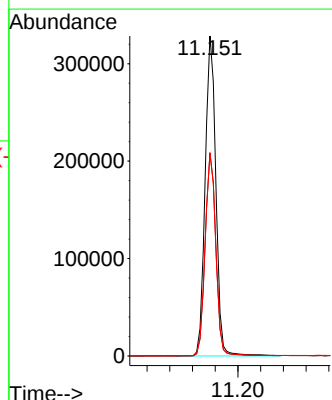
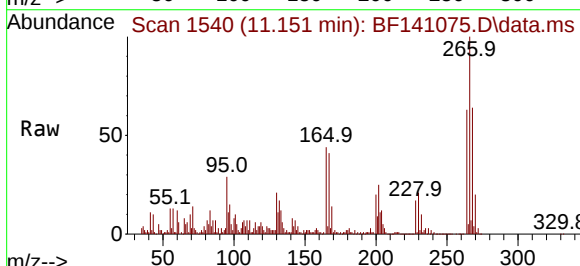
Tgt Ion:266 Resp: 429590

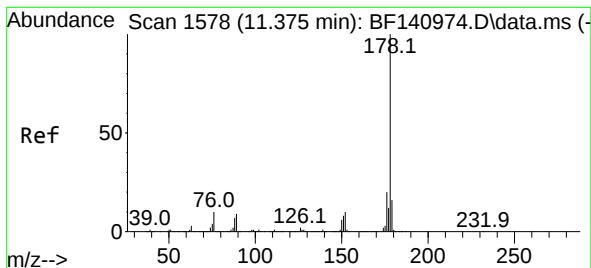
Ion Ratio Lower Upper

266 100

268 63.5 50.5 75.7

264 63.5 50.2 75.4





#71

Phenanthrene

Concen: 54.393 ng

RT: 11.374 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF141075.D

Acq: 06 Jan 2025 14:53

Instrument :

BNA_F

ClientSampleId :

SU-03-1-03-2025MS

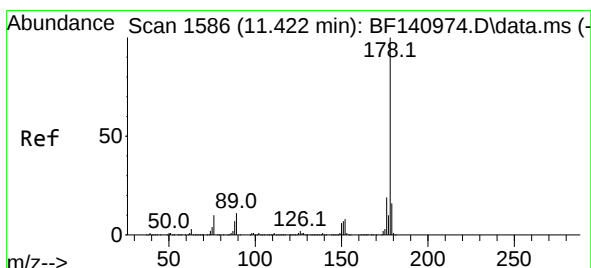
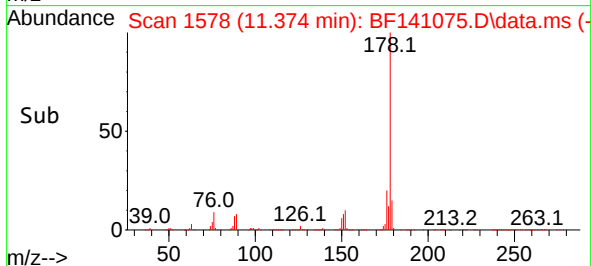
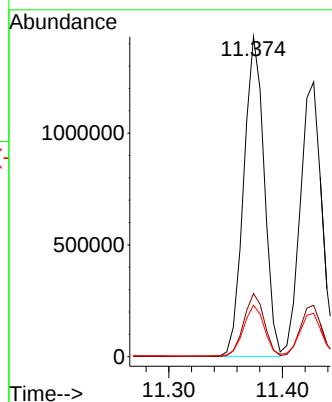
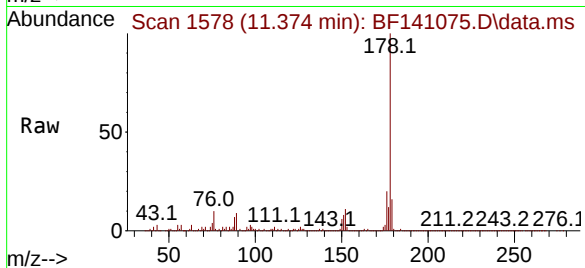
Tgt Ion:178 Resp: 1789273

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

179 16.0 12.6 19.0



#72

Anthracene

Concen: 49.183 ng

RT: 11.427 min Scan# 1587

Delta R.T. 0.006 min

Lab File: BF141075.D

Acq: 06 Jan 2025 14:53

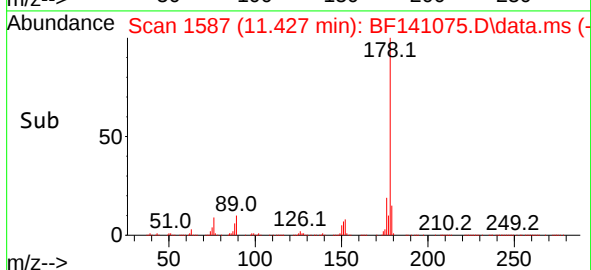
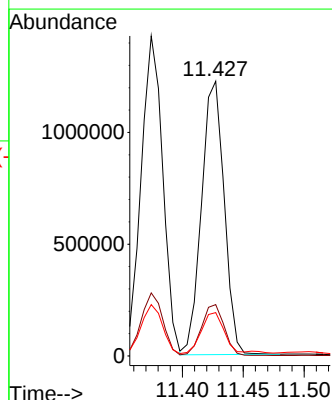
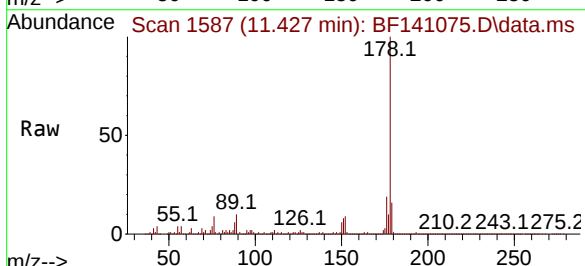
Tgt Ion:178 Resp: 1585309

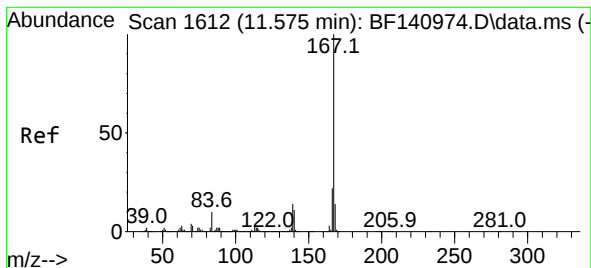
Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

179 15.8 12.9 19.3





#73

Carbazole

Concen: 43.304 ng

RT: 11.580 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141075.D

Acq: 06 Jan 2025 14:53

Instrument :

BNA_F

ClientSampleId :

SU-03-1-03-2025MS

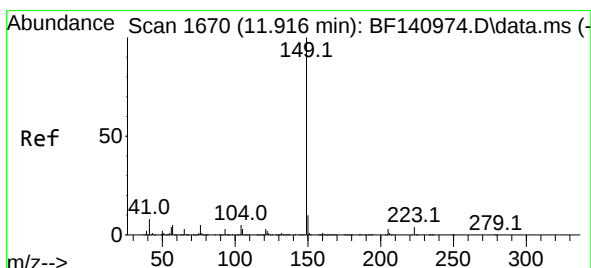
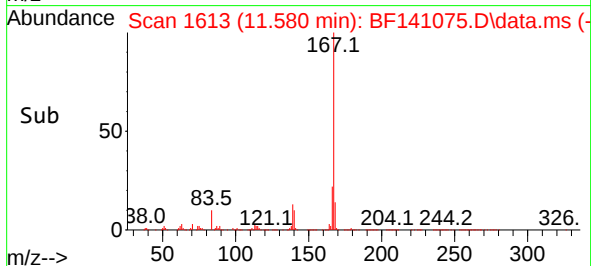
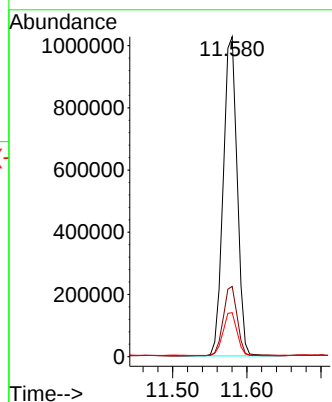
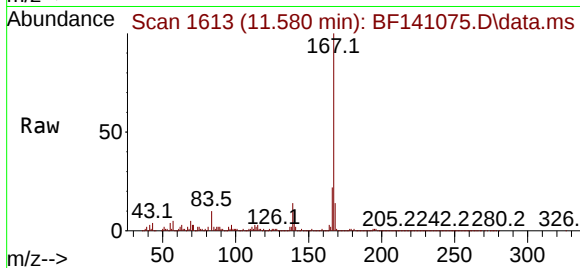
Tgt Ion:167 Resp: 1341811

Ion Ratio Lower Upper

167 100

166 21.9 17.5 26.3

139 13.8 11.0 16.4



#74

Di-n-butylphthalate

Concen: 44.325 ng

RT: 11.916 min Scan# 1670

Delta R.T. -0.000 min

Lab File: BF141075.D

Acq: 06 Jan 2025 14:53

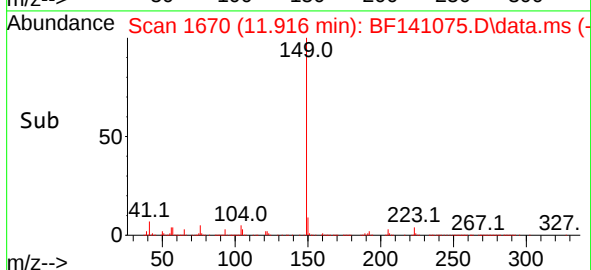
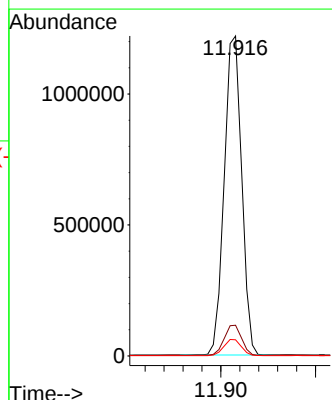
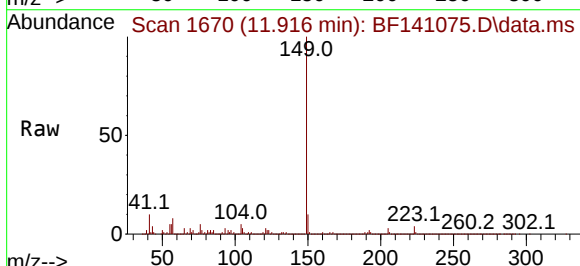
Tgt Ion:149 Resp: 1562182

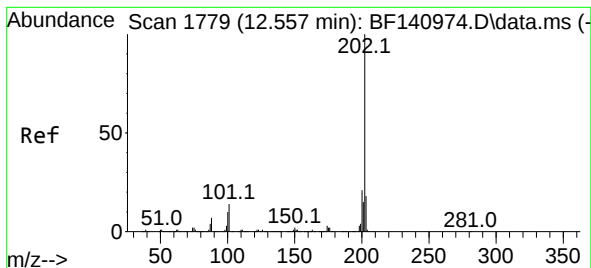
Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

104 5.1 4.1 6.1

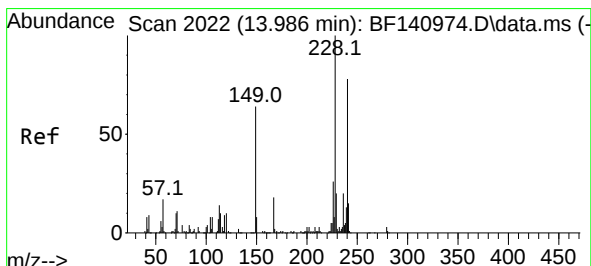
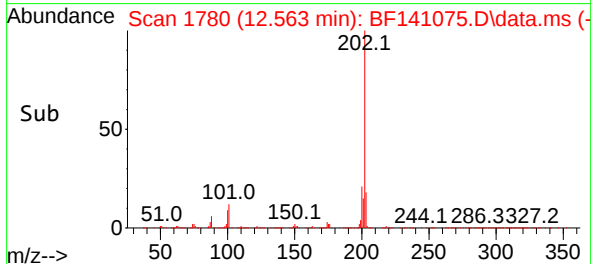
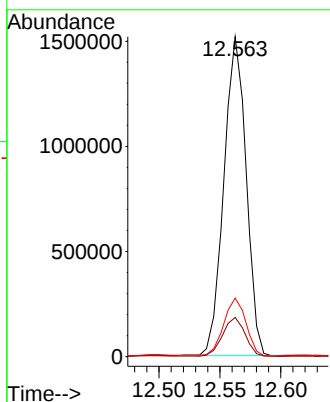
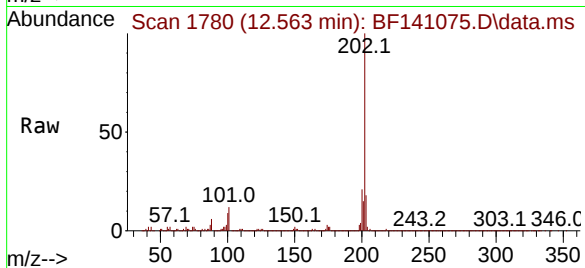




#75
Fluoranthene
Concen: 54.091 ng
RT: 12.563 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

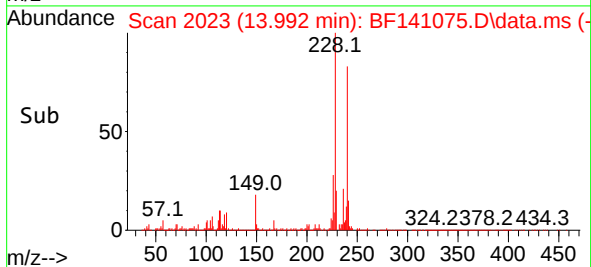
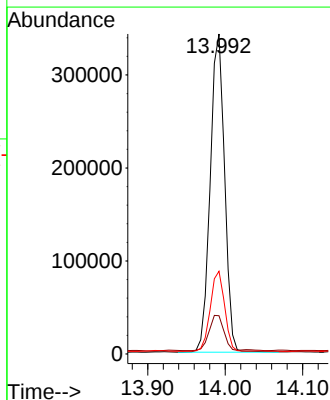
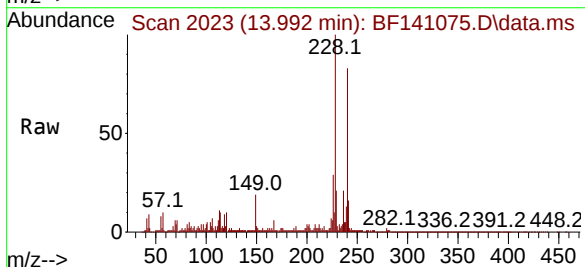
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MS

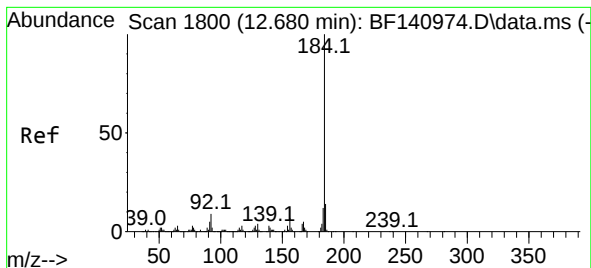
Tgt Ion:202 Resp: 1929803
Ion Ratio Lower Upper
202 100
101 12.3 0.0 33.7
203 18.3 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

Tgt Ion:240 Resp: 441305
Ion Ratio Lower Upper
240 100
120 12.0 10.7 16.1
236 25.9 20.6 31.0





#77

Benzidine

Concen: 56.243 ng

RT: 12.680 min Scan# 1800

Delta R.T. -0.000 min

Lab File: BF141075.D

Acq: 06 Jan 2025 14:53

Instrument :

BNA_F

ClientSampleId :

SU-03-1-03-2025MS

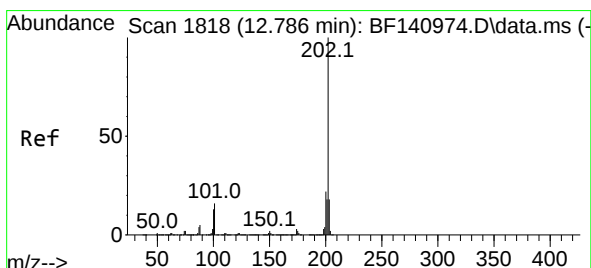
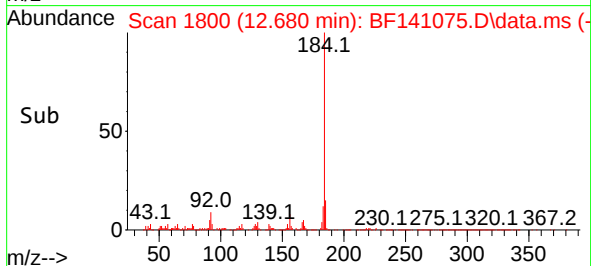
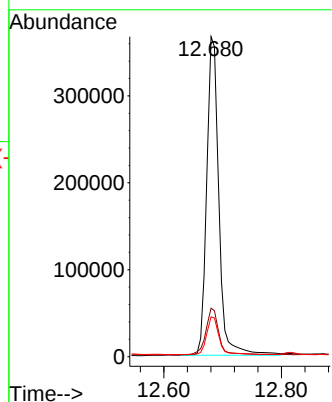
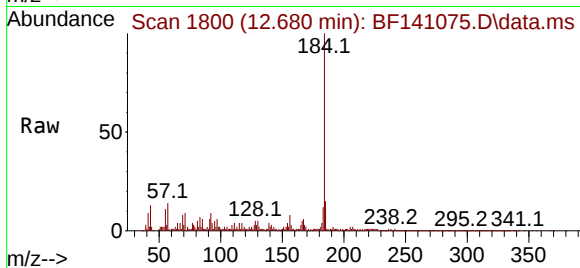
Tgt Ion:184 Resp: 524556

Ion Ratio Lower Upper

184 100

185 15.1 11.4 17.2

183 12.4 9.4 14.0



#78

Pyrene

Concen: 54.637 ng

RT: 12.792 min Scan# 1819

Delta R.T. 0.006 min

Lab File: BF141075.D

Acq: 06 Jan 2025 14:53

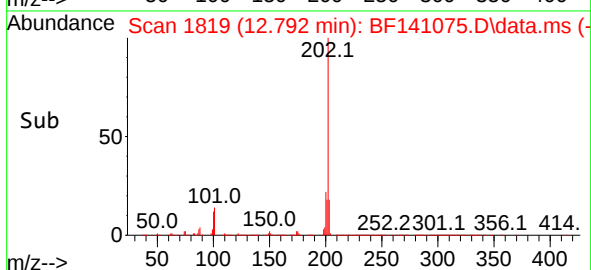
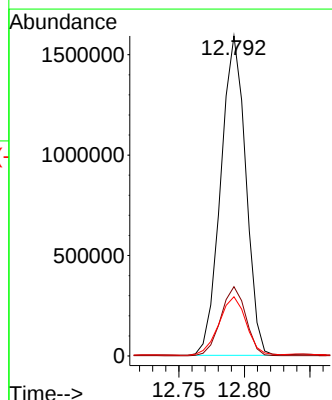
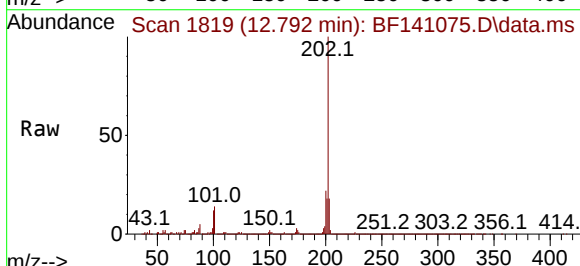
Tgt Ion:202 Resp: 2108746

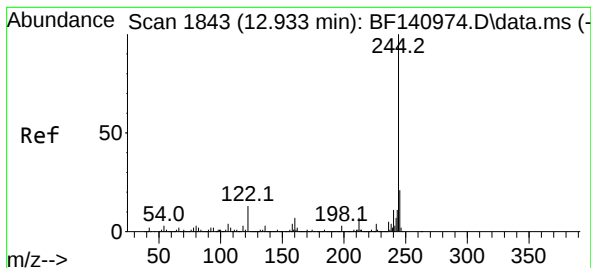
Ion Ratio Lower Upper

202 100

200 21.7 17.3 25.9

203 18.5 14.6 21.8





#79

Terphenyl-d14

Concen: 61.580 ng

RT: 12.933 min Scan# 1843

Delta R.T. -0.000 min

Lab File: BF141075.D

Acq: 06 Jan 2025 14:53

Instrument :

BNA_F

ClientSampleId :

SU-03-1-03-2025MS

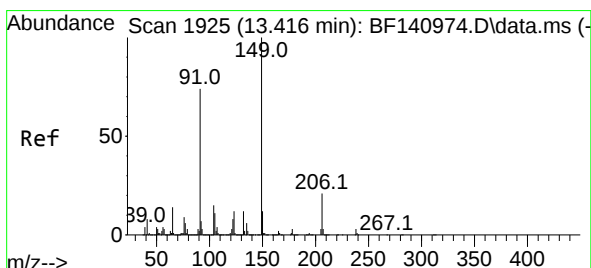
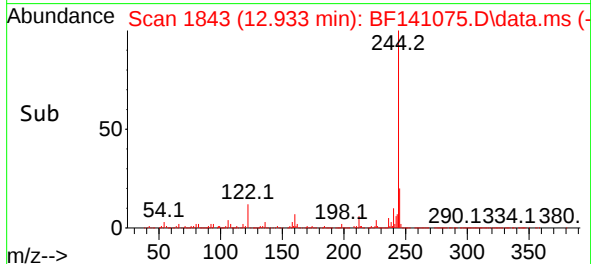
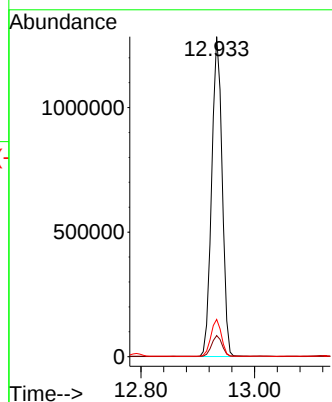
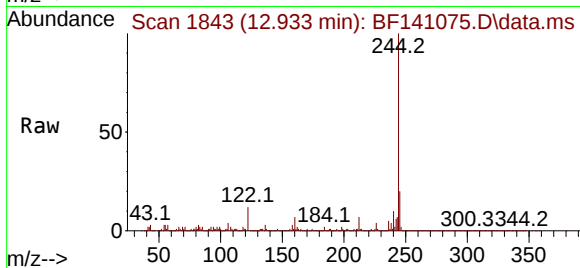
Tgt Ion:244 Resp: 1636103

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

122 11.6 10.2 15.2



#80

Butylbenzylphthalate

Concen: 47.496 ng

RT: 13.415 min Scan# 1925

Delta R.T. -0.000 min

Lab File: BF141075.D

Acq: 06 Jan 2025 14:53

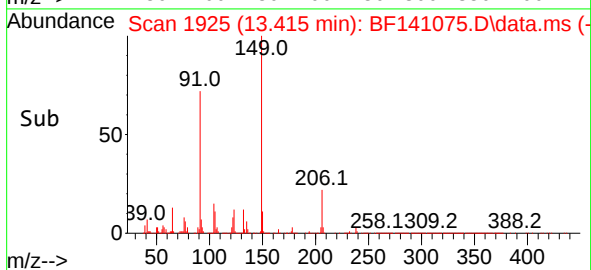
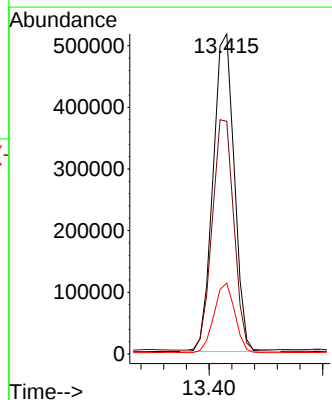
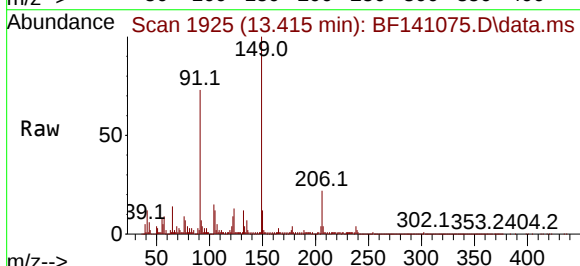
Tgt Ion:149 Resp: 669375

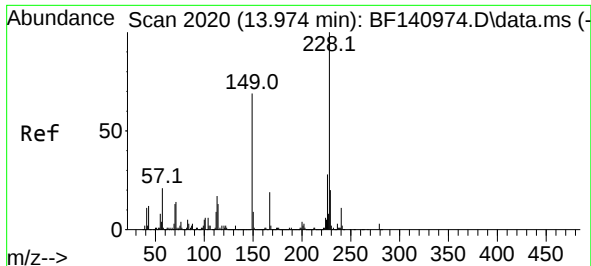
Ion Ratio Lower Upper

149 100

91 72.7 59.5 89.3

206 22.1 17.1 25.7

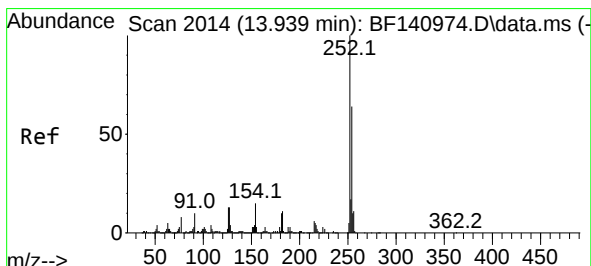
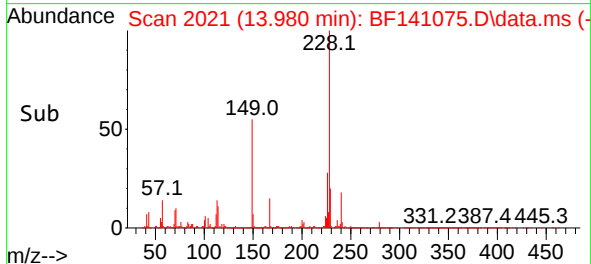
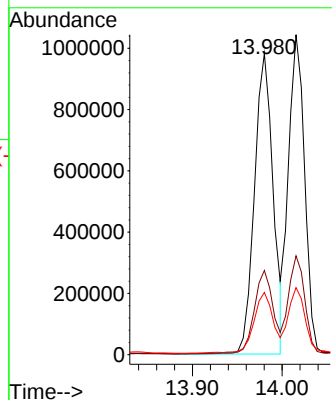
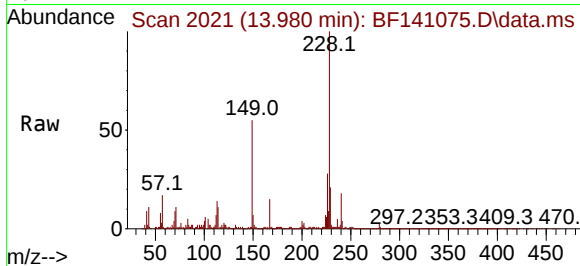




#81
Benzo(a)anthracene
Concen: 45.985 ng
RT: 13.980 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

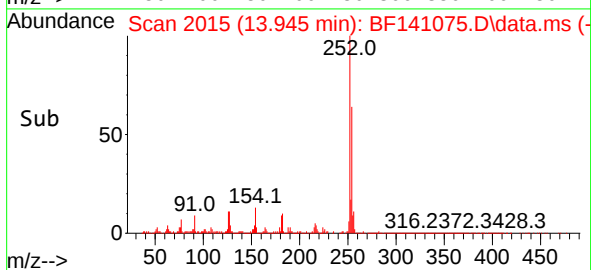
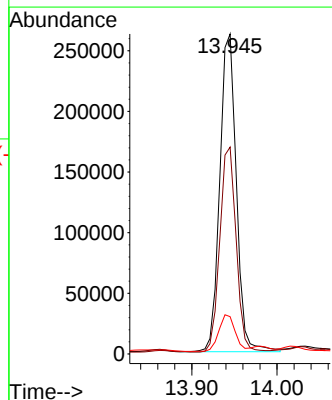
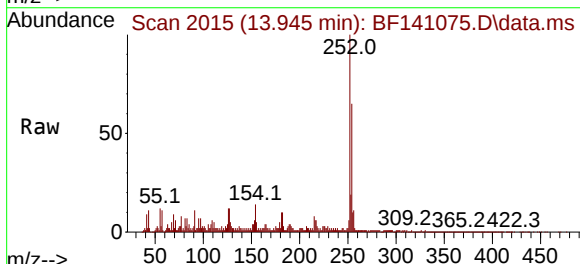
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025MS

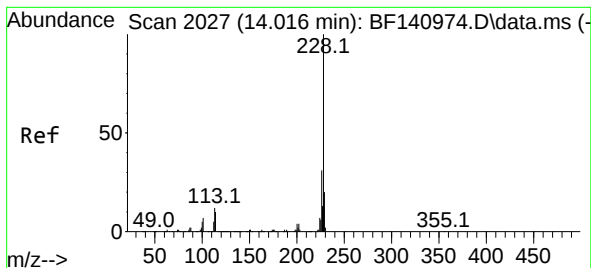
Tgt Ion:228 Resp: 1414336
Ion Ratio Lower Upper
228 100
226 27.9 22.1 33.1
229 20.7 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 38.335 ng
RT: 13.945 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF141075.D
Acq: 06 Jan 2025 14:53

Tgt Ion:252 Resp: 354245
Ion Ratio Lower Upper
252 100
254 64.7 51.5 77.3
126 11.7 10.3 15.5





#83

Chrysene

Concen: 46.707 ng

RT: 14.015 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF141075.D

Acq: 06 Jan 2025 14:53

Instrument :

BNA_F

ClientSampleId :

SU-03-1-03-2025MS

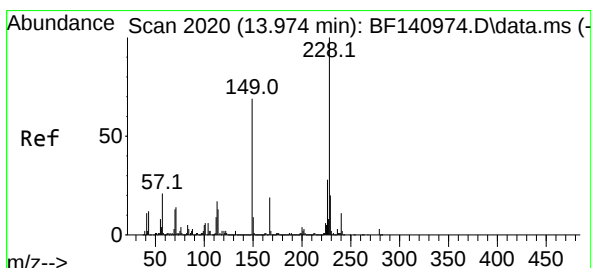
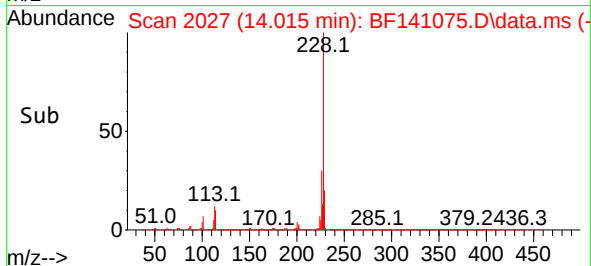
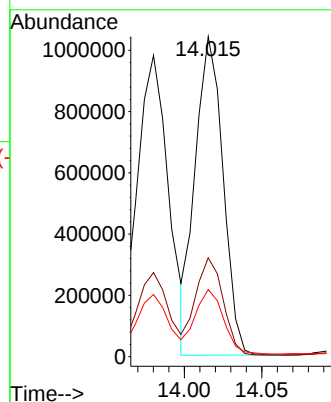
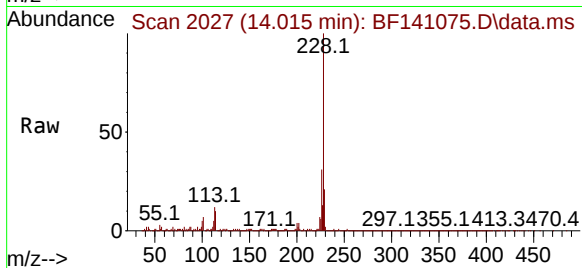
Tgt Ion:228 Resp: 1295005

Ion Ratio Lower Upper

228 100

226 30.9 24.5 36.7

229 20.9 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.321 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF141075.D

Acq: 06 Jan 2025 14:53

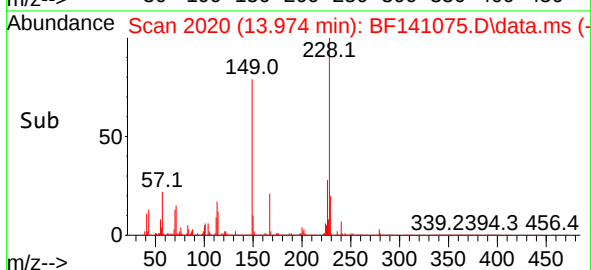
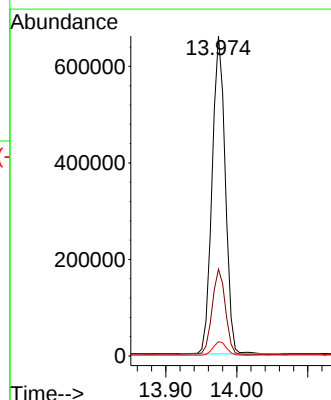
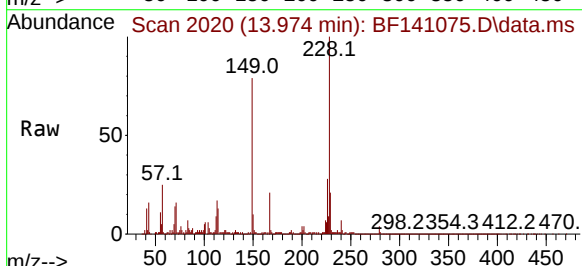
Tgt Ion:149 Resp: 846793

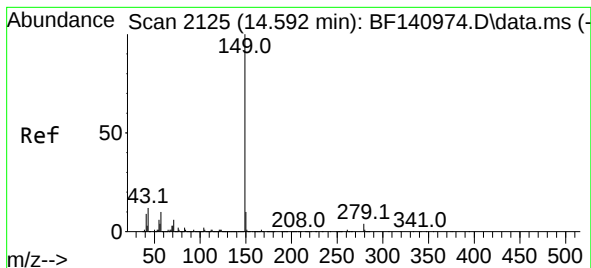
Ion Ratio Lower Upper

149 100

167 27.1 21.6 32.4

279 4.5 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 49.466 ng

RT: 14.592 min Scan# 2125

Delta R.T. -0.000 min

Lab File: BF141075.D

Acq: 06 Jan 2025 14:53

Instrument :

BNA_F

ClientSampleId :

SU-03-1-03-2025MS

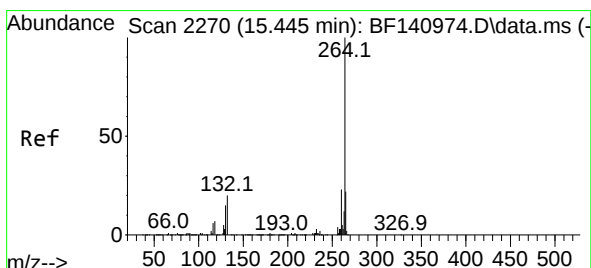
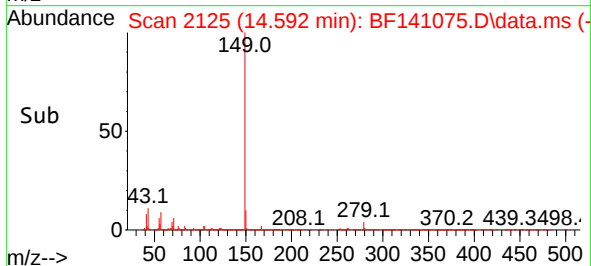
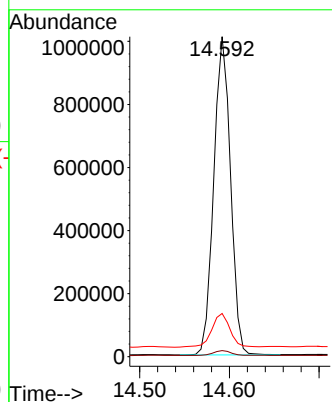
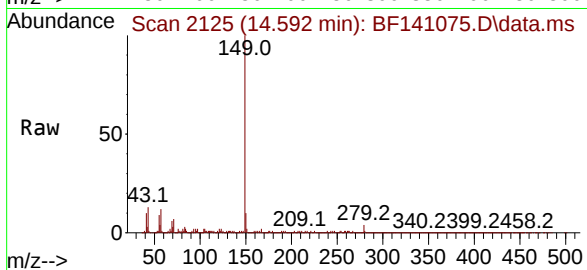
Tgt Ion:149 Resp: 1308830

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8

43 11.5 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: BF141075.D

Acq: 06 Jan 2025 14:53

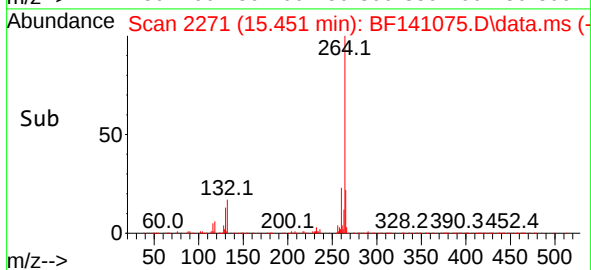
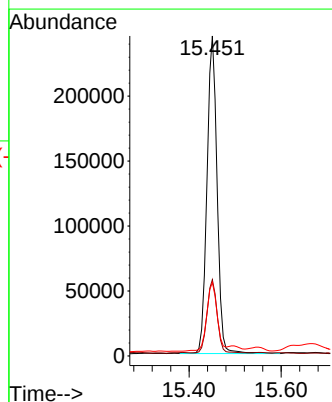
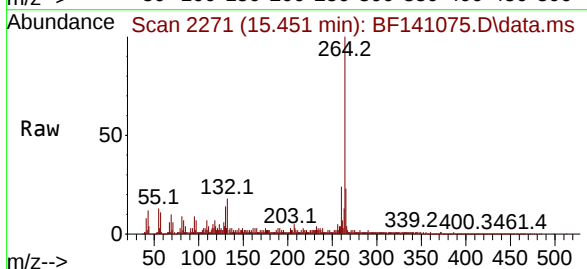
Tgt Ion:264 Resp: 374424

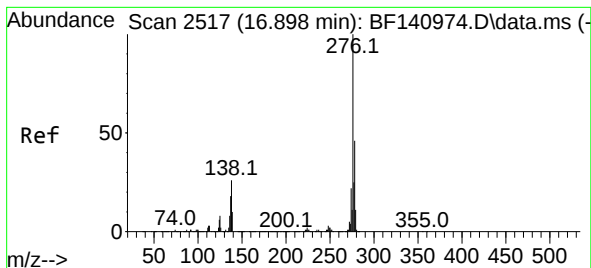
Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 23.0 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.970 ng

RT: 16.909 min Scan# 2199

Delta R.T. 0.012 min

Lab File: BF141075.D

Acq: 06 Jan 2025 14:53

Instrument :

BNA_F

ClientSampleId :

SU-03-1-03-2025MS

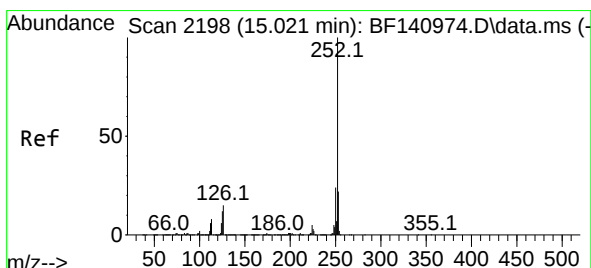
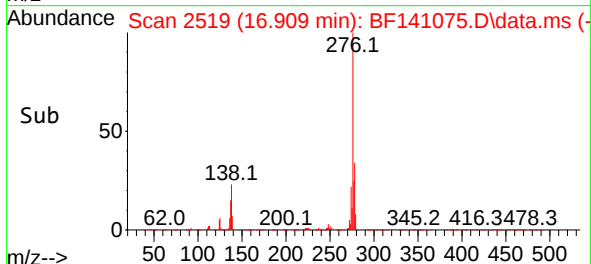
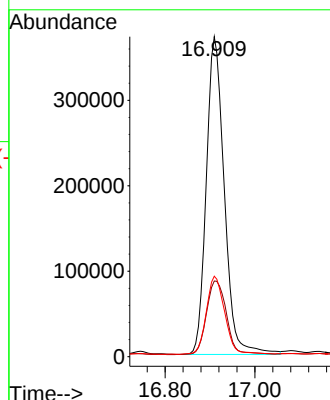
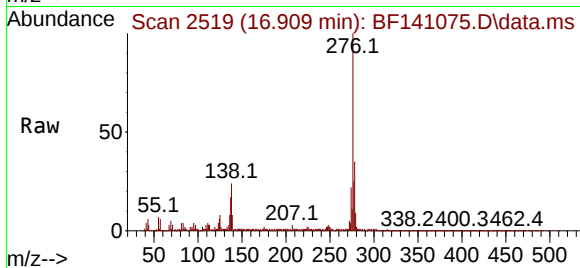
Tgt Ion:276 Resp: 1037230

Ion Ratio Lower Upper

276 100

138 25.9 23.1 34.7

277 25.1 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 40.610 ng

RT: 15.027 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF141075.D

Acq: 06 Jan 2025 14:53

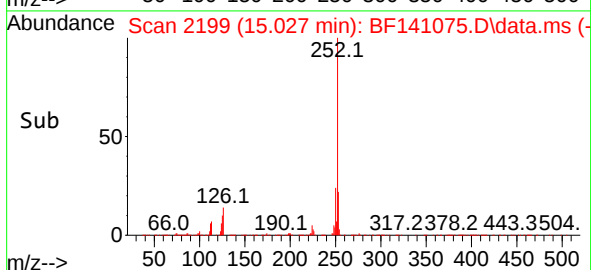
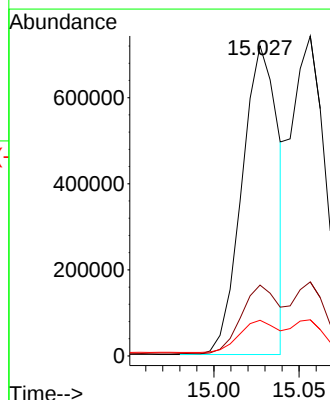
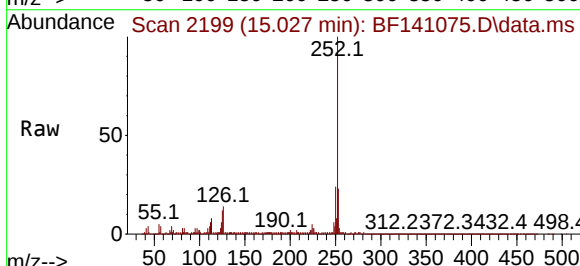
Tgt Ion:252 Resp: 1060480

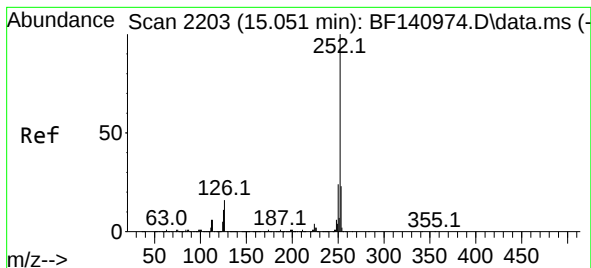
Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

125 11.5 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 41.209 ng

RT: 15.057 min Scan# 2204

Delta R.T. 0.006 min

Lab File: BF141075.D

Acq: 06 Jan 2025 14:53

Instrument :

BNA_F

ClientSampleId :

SU-03-1-03-2025MS

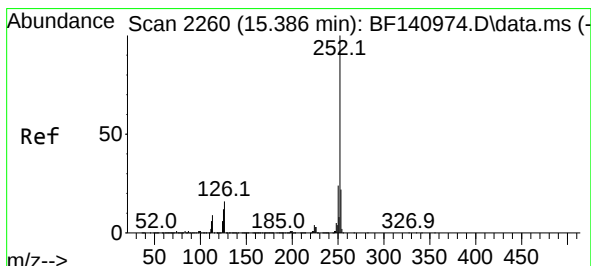
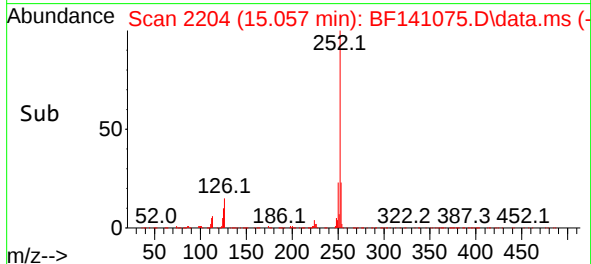
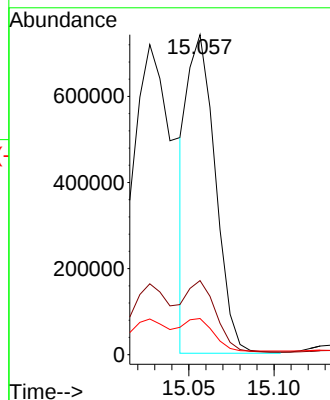
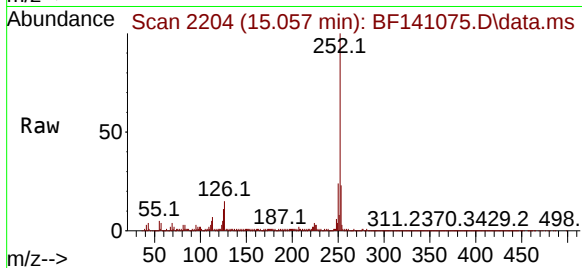
Tgt Ion:252 Resp: 843429

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

125 11.3 9.4 14.0



#90

Benzo(a)pyrene

Concen: 48.855 ng

RT: 15.392 min Scan# 2261

Delta R.T. 0.006 min

Lab File: BF141075.D

Acq: 06 Jan 2025 14:53

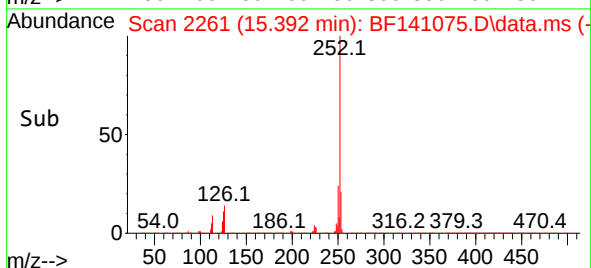
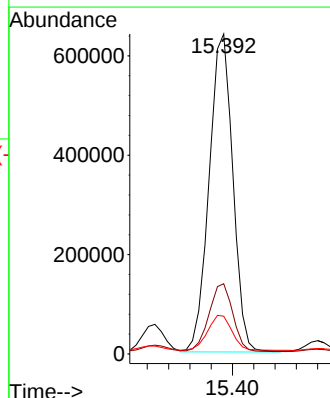
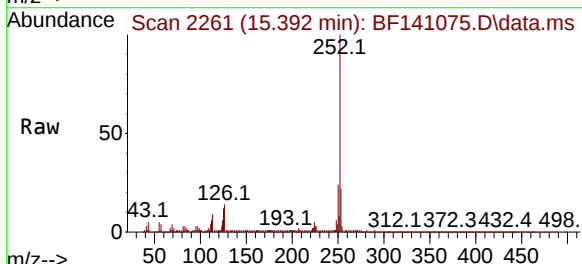
Tgt Ion:252 Resp: 990249

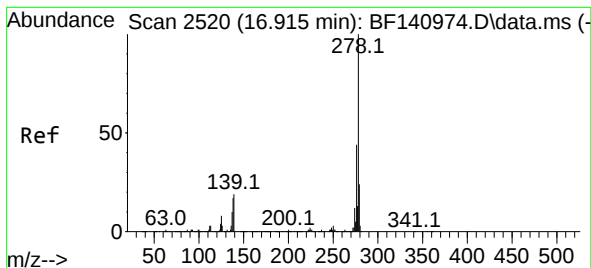
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 11.8 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 43.548 ng

RT: 16.933 min Scan# 2523

Delta R.T. 0.017 min

Lab File: BF141075.D

Acq: 06 Jan 2025 14:53

Instrument :

BNA_F

ClientSampleId :

SU-03-1-03-2025MS

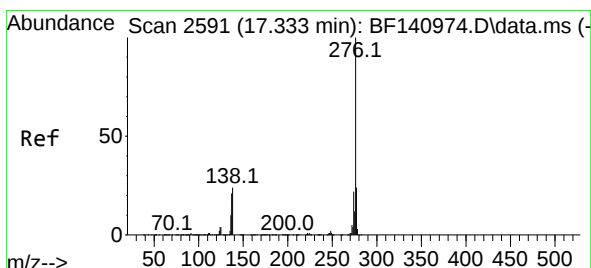
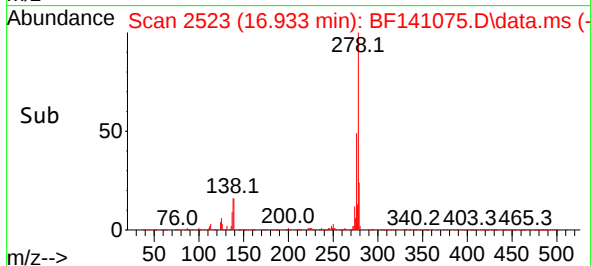
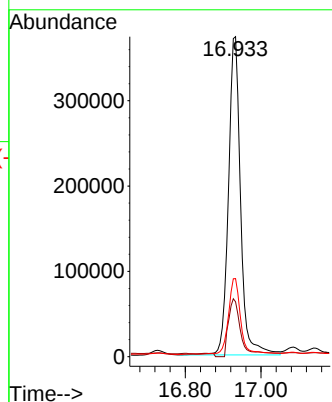
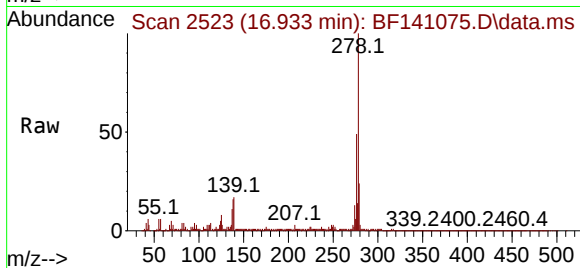
Tgt Ion:278 Resp: 832721

Ion Ratio Lower Upper

278 100

139 17.1 14.9 22.3

279 24.4 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 39.488 ng

RT: 17.350 min Scan# 2594

Delta R.T. 0.017 min

Lab File: BF141075.D

Acq: 06 Jan 2025 14:53

Tgt Ion:276 Resp: 783171

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.4

138 23.0 19.4 29.2

