

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011525\
 Data File : BF141175.D
 Acq On : 15 Jan 2025 15:05
 Operator : RC/JU
 Sample : Q1068-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-1-10-2025MS

Quant Time: Jan 15 15:37:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	151239	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	561441	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	265282	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	349564	20.000	ng	0.00
76) Chrysene-d12	13.986	240	322664	20.000	ng	0.00
86) Perylene-d12	15.451	264	314686	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	683044	69.768	ng	0.00
7) Phenol-d6	6.445	99	1001559	80.762	ng	0.00
23) Nitrobenzene-d5	7.381	82	649918	61.362	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	100774	33.339	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1143953	65.849	ng	0.00
79) Terphenyl-d14	12.933	244	984818	45.364	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.575	88	105406	24.177	ng	99
3) Pyridine	3.316	79	252917	23.657	ng	96
4) n-Nitrosodimethylamine	3.257	42	146758	28.074	ng	100
6) Aniline	6.481	93	159952	14.527	ng	96
8) 2-Chlorophenol	6.604	128	293315	27.925	ng	97
9) Benzaldehyde	6.369	77	40960	5.608	ng	95
10) Phenol	6.463	94	379203	28.565	ng	99
11) bis(2-Chloroethyl)ether	6.557	93	298559	30.178	ng	96
12) 1,3-Dichlorobenzene	6.763	146	323049	27.576	ng	99
13) 1,4-Dichlorobenzene	6.839	146	327369	27.731	ng	100
14) 1,2-Dichlorobenzene	6.992	146	311743	28.310	ng	97
15) Benzyl Alcohol	6.957	79	271930	30.363	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.098	45	397871	28.820	ng	97
17) 2-Methylphenol	7.069	107	245642	28.967	ng	99
18) Hexachloroethane	7.334	117	120353	28.192	ng	99
19) n-Nitroso-di-n-propyla...	7.234	70	215674	29.523	ng	98
20) 3+4-Methylphenols	7.222	107	309253	28.906	ng	# 87
22) Acetophenone	7.228	105	419952	31.465	ng	97
24) Nitrobenzene	7.404	77	320631	29.046	ng	99
25) Isophorone	7.639	82	574003	31.712	ng	99
26) 2-Nitrophenol	7.716	139	120397	23.977	ng	97
27) 2,4-Dimethylphenol	7.751	122	241988	35.728	ng	98
28) bis(2-Chloroethoxy)met...	7.851	93	355223	31.271	ng	99
29) 2,4-Dichlorophenol	7.957	162	217566	27.047	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	263047	28.609	ng	100
31) Naphthalene	8.128	128	918606	31.026	ng	100
32) Benzoic acid	7.751	122	241988	37.245	ng	# 13
33) 4-Chloroaniline	8.175	127	115343	11.264	ng	99
34) Hexachlorobutadiene	8.245	225	162534	29.337	ng	99
35) Caprolactam	8.516	113	69129	26.249	ng	95
36) 4-Chloro-3-methylphenol	8.651	107	246845	28.059	ng	99
37) 2-Methylnaphthalene	8.816	142	578514	30.662	ng	99
38) 1-Methylnaphthalene	8.916	142	536900	28.874	ng	99
40) 1,2,4,5-Tetrachloroben...	8.980	216	255628	33.573	ng	99
41) Hexachlorocyclopentadiene	8.969	237	159842	64.166	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	88165	17.169	ng	99

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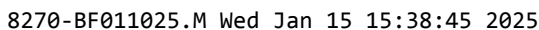
Instrument :
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	119487	22.032	ng	98
46) 1,1'-Biphenyl	9.280	154	690480	33.515	ng	99
47) 2-Chloronaphthalene	9.304	162	495753	30.895	ng	100
48) 2-Nitroaniline	9.398	65	149394	31.408	ng	98
49) Acenaphthylene	9.722	152	877645	38.283	ng	100
50) Dimethylphthalate	9.580	163	590143	33.137	ng	100
51) 2,6-Dinitrotoluene	9.639	165	122290	29.528	ng	94
52) Acenaphthene	9.892	154	485274	30.298	ng	100
53) 3-Nitroaniline	9.804	138	94941	22.559	ng	98
54) 2,4-Dinitrophenol	9.910	184	6772	3.440	ng	# 1
55) Dibenzofuran	10.063	168	667349	30.632	ng	99
56) 4-Nitrophenol	9.957	139	68610	20.816	ng	96
57) 2,4-Dinitrotoluene	10.039	165	150510	28.200	ng	100
58) Fluorene	10.404	166	518351	30.626	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	51375	11.396	ng	# 99
60) Diethylphthalate	10.280	149	543883	31.282	ng	100
61) 4-Chlorophenyl-phenyle...	10.398	204	247267	29.974	ng	97
62) 4-Nitroaniline	10.416	138	99151	24.070	ng	99
63) Azobenzene	10.557	77	532827	31.058	ng	99
65) 4,6-Dinitro-2-methylph...	10.445	198	12033	5.940	ng	81
66) n-Nitrosodiphenylamine	10.516	169	431187	38.243	ng	100
67) 4-Bromophenyl-phenylether	10.892	248	145801	36.228	ng	99
68) Hexachlorobenzene	10.951	284	150906	33.684	ng	98
69) Atrazine	11.045	200	134509	44.306	ng	100
70) Pentachlorophenol	11.145	266	68531	23.886	ng	99
71) Phenanthrene	11.369	178	746258	39.764	ng	99
72) Anthracene	11.422	178	727636	39.875	ng	99
73) Carbazole	11.574	167	555900	33.223	ng	100
74) Di-n-butylphthalate	11.910	149	684830	35.764	ng	100
75) Fluoranthene	12.557	202	867978	46.347	ng	99
77) Benzidine	12.680	184	98399	16.445	ng	# 95
78) Pyrene	12.786	202	1043972	33.875	ng	99
80) Butylbenzylphthalate	13.410	149	282822	27.525	ng	100
81) Benzo(a)anthracene	13.980	228	914236	41.633	ng	95
82) 3,3'-Dichlorobenzidine	13.939	252	141773	20.276	ng	99
83) Chrysene	14.015	228	771864	37.566	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	394268	31.980	ng	100
85) Di-n-octyl phthalate	14.586	149	724119	38.895	ng	98
87) Indeno(1,2,3-cd)pyrene	16.909	276	685937	29.752	ng	96
88) Benzo(b)fluoranthene	15.027	252	906206	44.658	ng	100
89) Benzo(k)fluoranthene	15.027	252	906206	52.845	ng	100
90) Benzo(a)pyrene	15.392	252	834847	49.865	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	468043	25.100	ng	99
92) Benzo(g,h,i)perylene	17.351	276	603676	31.124	ng	98

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

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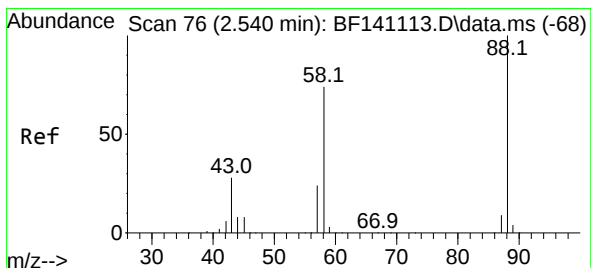
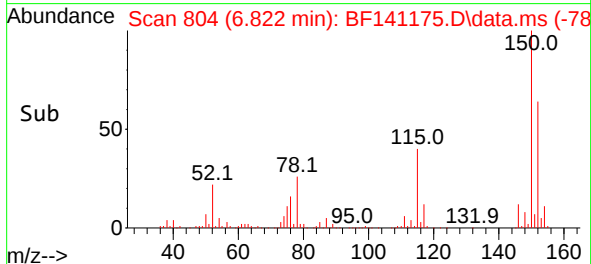
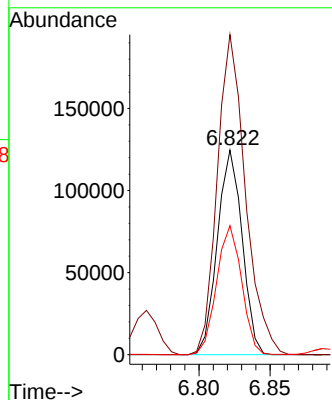
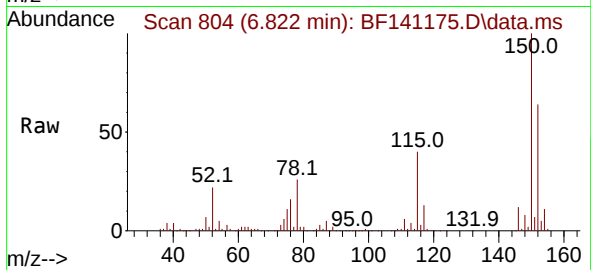




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

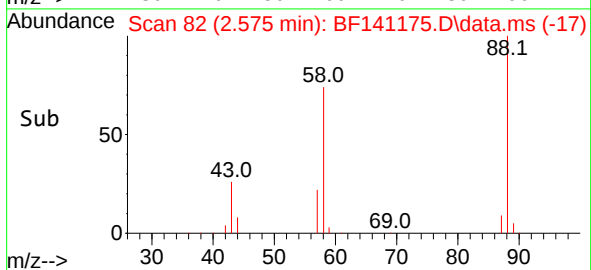
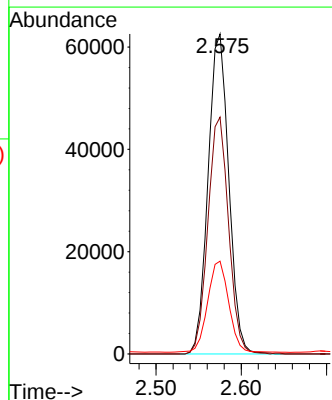
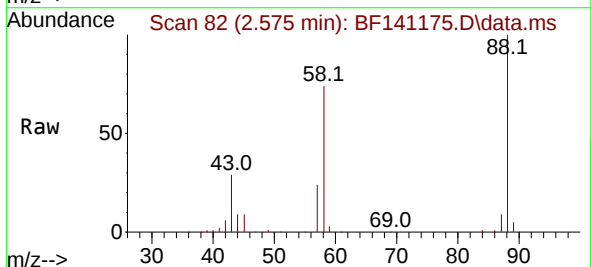
Instrument :
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ClientSampleId :
TR-06-1-10-2025MS

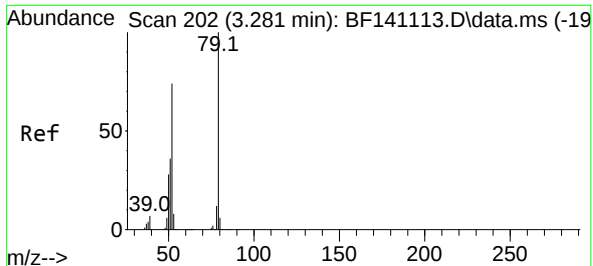
Tgt Ion:152 Resp: 151239
Ion Ratio Lower Upper
152 100
150 156.5 125.8 188.8
115 63.1 51.4 77.2



#2
1,4-Dioxane
Concen: 24.177 ng
RT: 2.575 min Scan# 82
Delta R.T. 0.035 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

Tgt Ion: 88 Resp: 105406
Ion Ratio Lower Upper
88 100
58 74.0 60.1 90.1
43 29.0 23.1 34.7

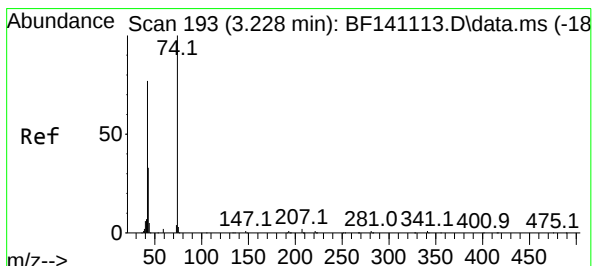
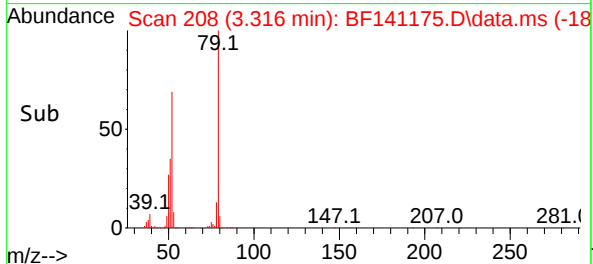
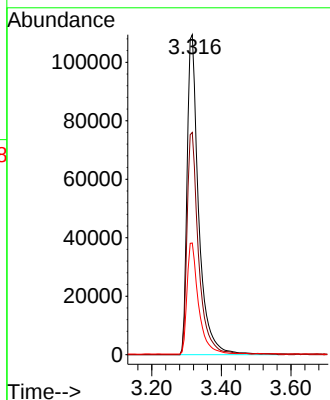
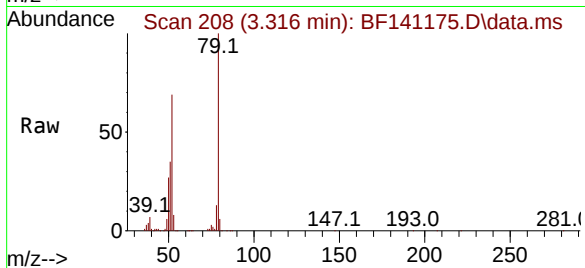




#3
Pyridine
Concen: 23.657 ng
RT: 3.316 min Scan# 20
Delta R.T. 0.035 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

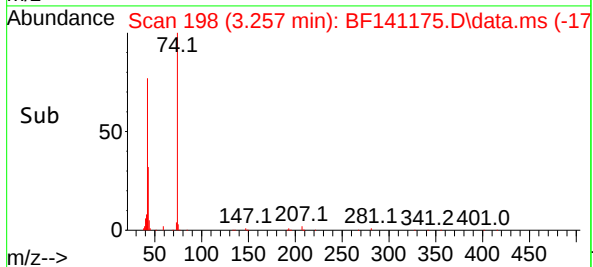
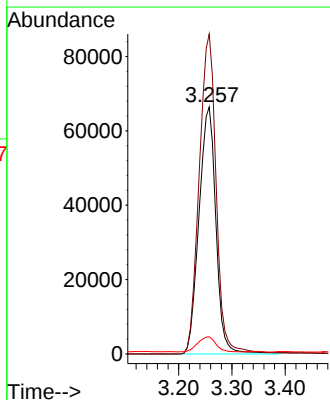
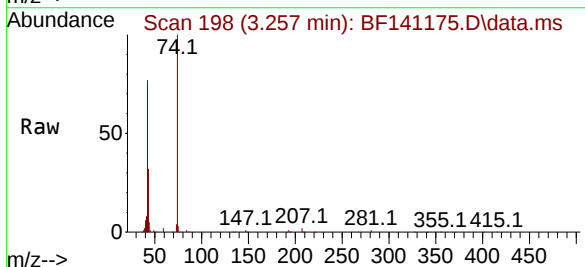
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

Tgt Ion: 79 Resp: 252917
Ion Ratio Lower Upper
79 100
52 69.5 58.9 88.3
51 34.9 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 28.074 ng
RT: 3.257 min Scan# 198
Delta R.T. 0.029 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

Tgt Ion: 42 Resp: 146758
Ion Ratio Lower Upper
42 100
74 129.6 103.8 155.6
44 6.9 5.3 7.9

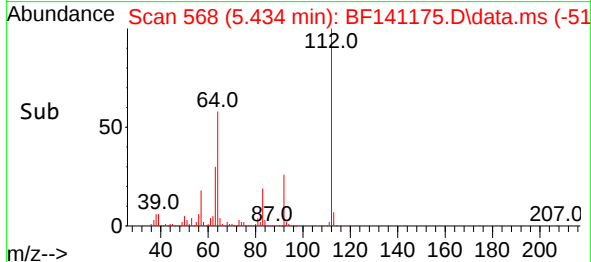
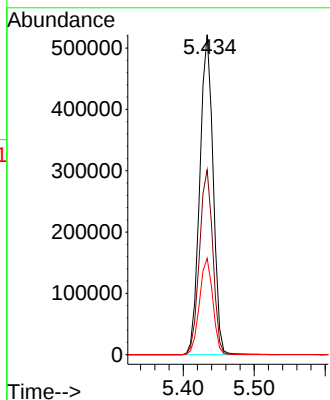
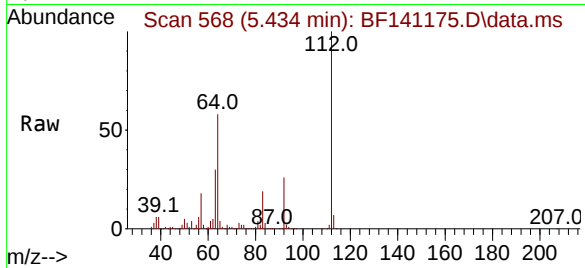




#5
2-Fluorophenol
Concen: 69.768 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

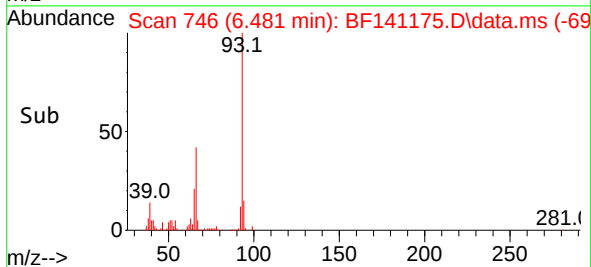
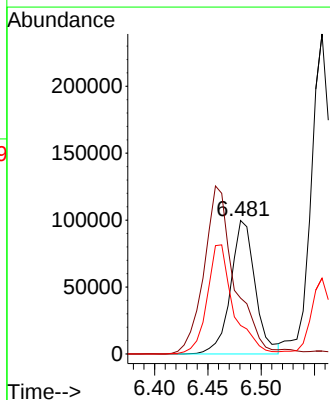
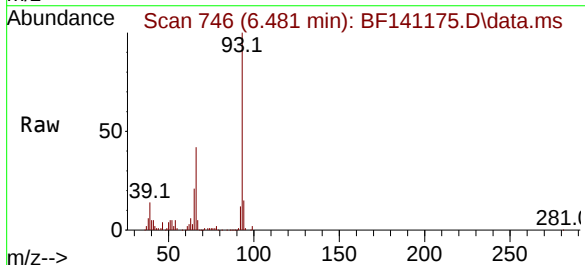
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

Tgt Ion:112 Resp: 683044
Ion Ratio Lower Upper
112 100
64 57.8 47.3 70.9
63 30.1 24.2 36.2



#6
Aniline
Concen: 14.527 ng
RT: 6.481 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

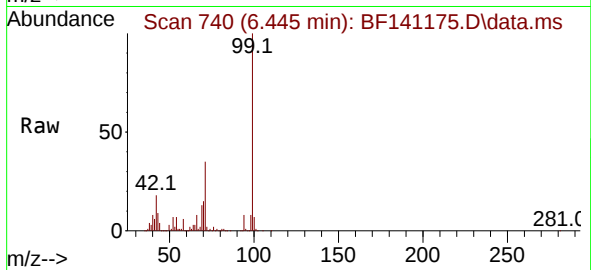
Tgt Ion: 93 Resp: 159952
Ion Ratio Lower Upper
93 100
66 41.8 31.5 47.3
65 21.3 15.3 22.9





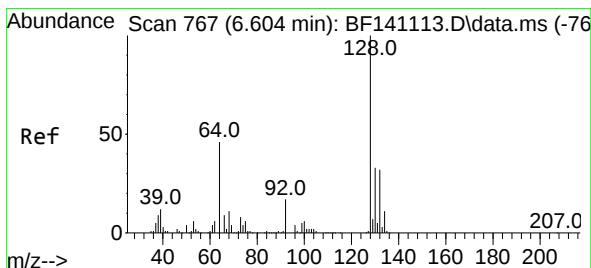
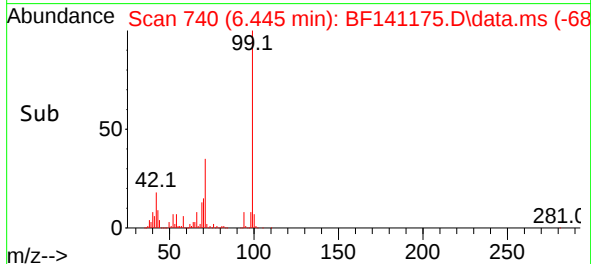
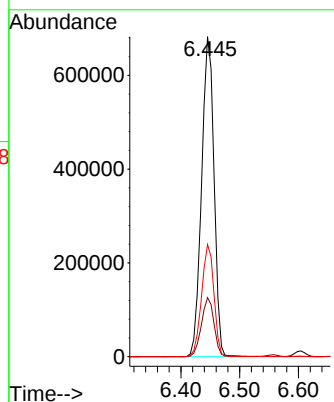
#7
Phenol-d6
Concen: 80.762 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF141175.D
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ClientSampleId :
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Tgt Ion: 99 Resp: 1001559

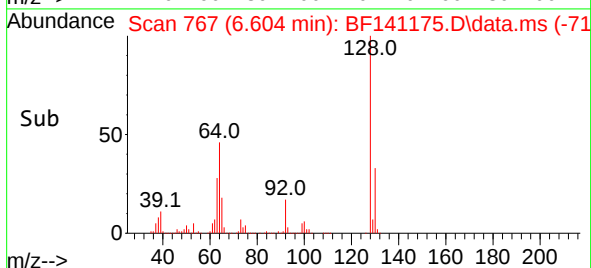
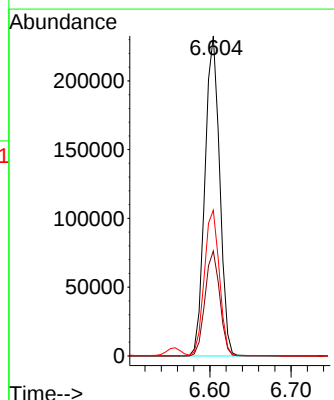
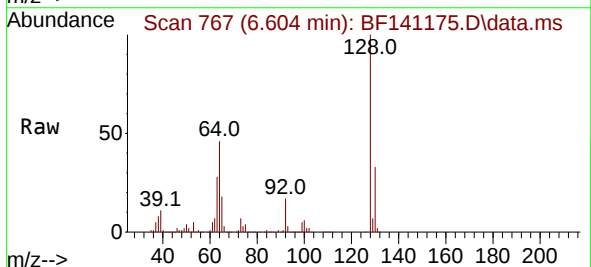
Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.0	22.4
71	35.1	27.6	41.4

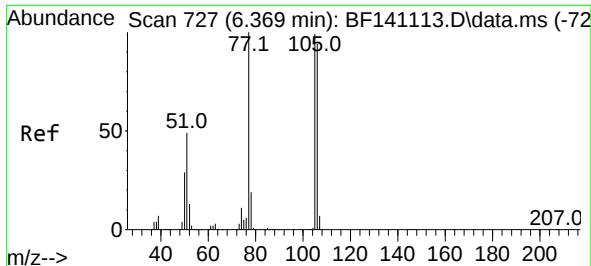


#8
2-Chlorophenol
Concen: 27.925 ng
RT: 6.604 min Scan# 767
Delta R.T. -0.000 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

Tgt Ion: 128 Resp: 293315

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.5	52.5
64	45.6	28.3	68.3

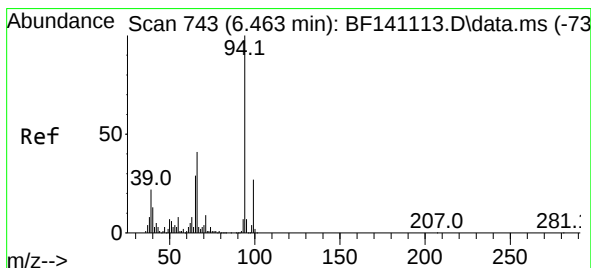
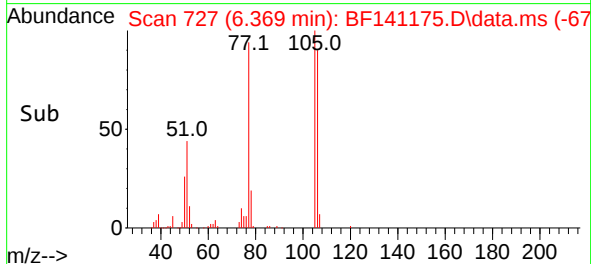
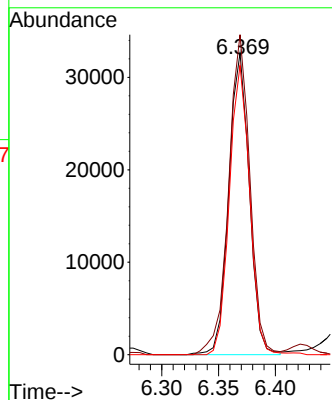
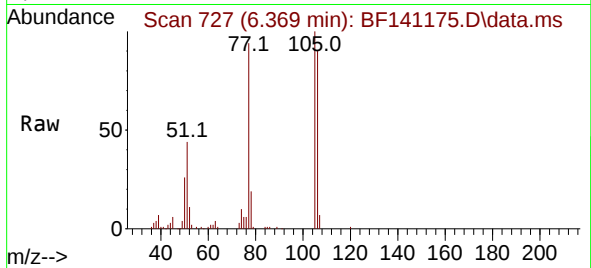




#9
Benzaldehyde
Concen: 5.608 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

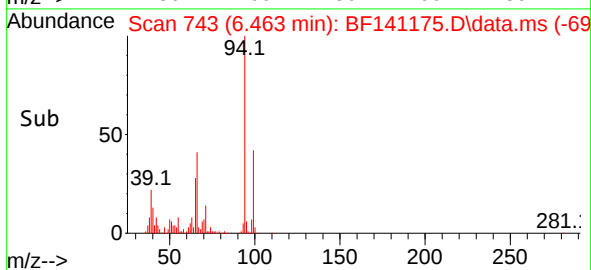
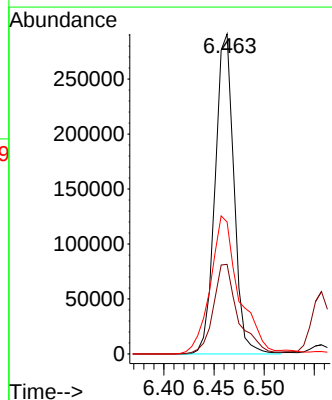
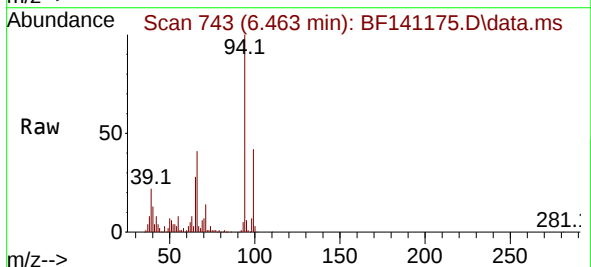
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

Tgt Ion: 77 Resp: 40960
Ion Ratio Lower Upper
77 100
105 106.0 78.9 118.9
106 95.8 73.6 113.6



#10
Phenol
Concen: 28.565 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

Tgt Ion: 94 Resp: 379203
Ion Ratio Lower Upper
94 100
65 28.0 8.9 48.9
66 41.3 21.2 61.2

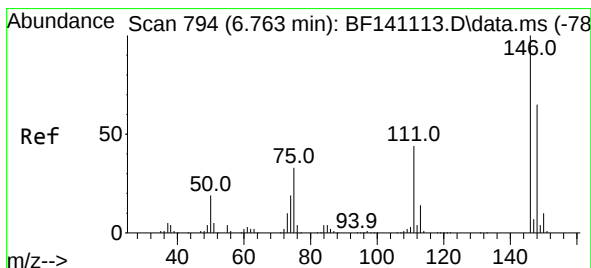
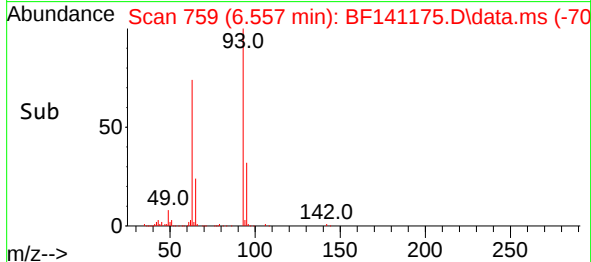
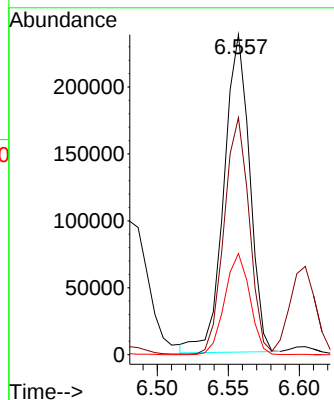
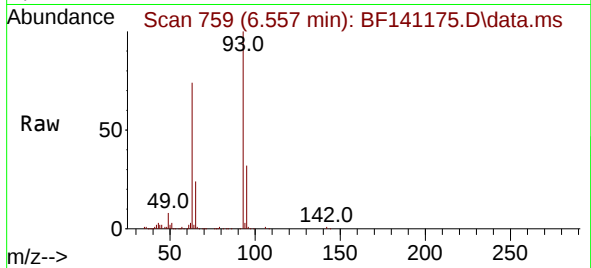




#11
bis(2-Chloroethyl)ether
Concen: 30.178 ng
RT: 6.557 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

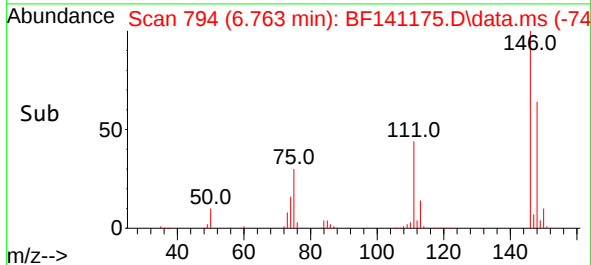
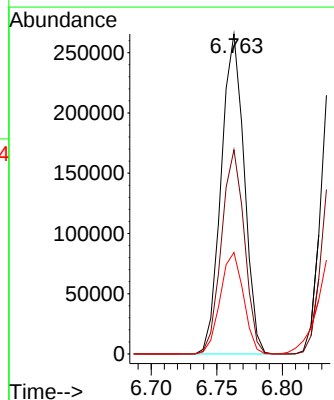
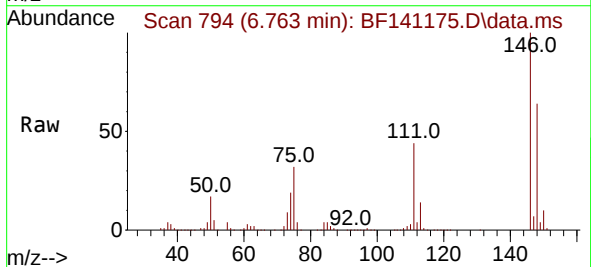
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

Tgt Ion: 93 Resp: 298559
Ion Ratio Lower Upper
93 100
63 74.1 58.0 98.0
95 31.6 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 27.576 ng
RT: 6.763 min Scan# 794
Delta R.T. -0.000 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

Tgt Ion:146 Resp: 323049
Ion Ratio Lower Upper
146 100
148 63.8 51.6 77.4
75 31.7 26.2 39.2

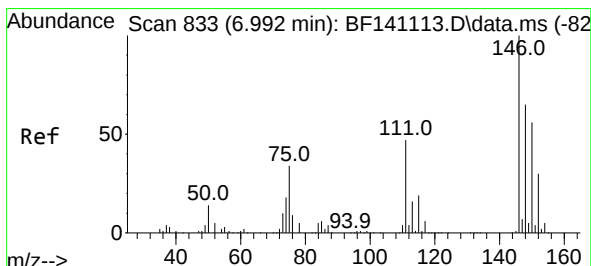
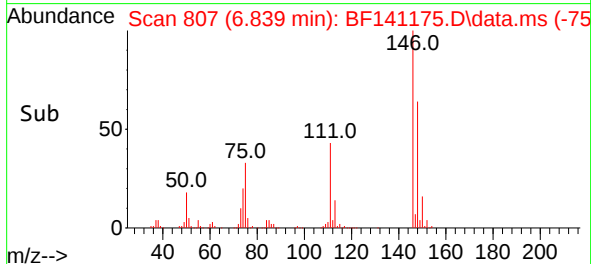
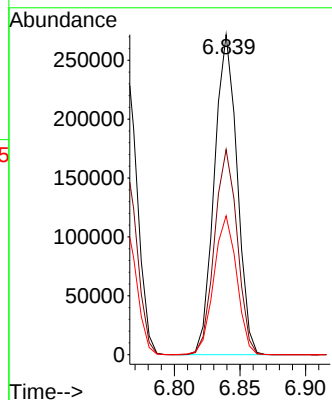
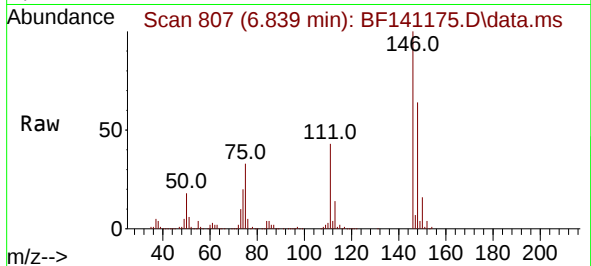




#13
1,4-Dichlorobenzene
Concen: 27.731 ng
RT: 6.839 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

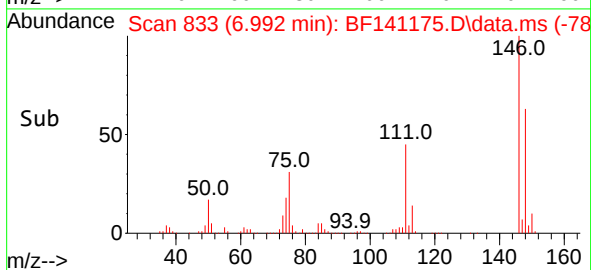
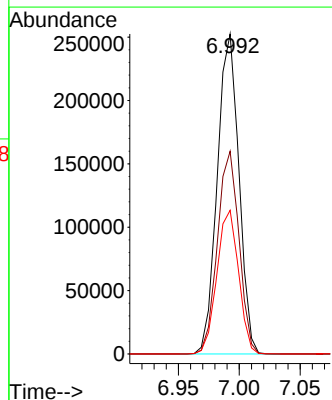
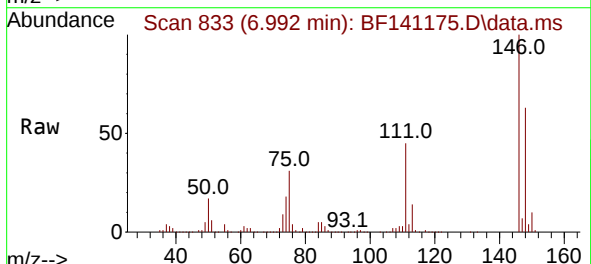
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

Tgt Ion:146 Resp: 327369
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.6
111 43.4 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 28.310 ng
RT: 6.992 min Scan# 833
Delta R.T. -0.000 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

Tgt Ion:146 Resp: 311743
Ion Ratio Lower Upper
146 100
148 63.3 52.2 78.4
111 44.9 37.5 56.3

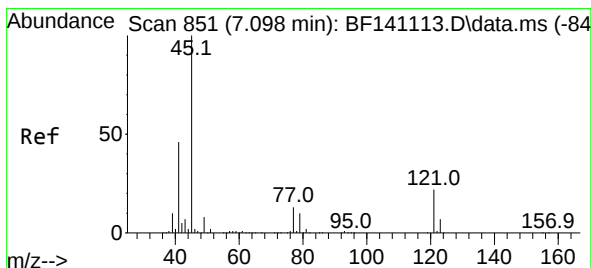
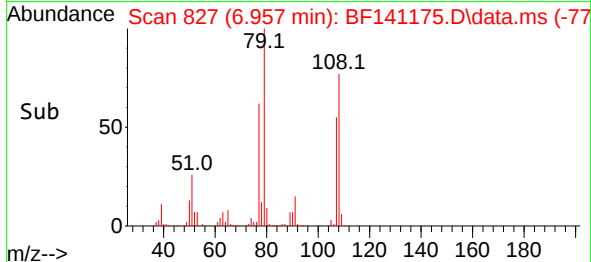
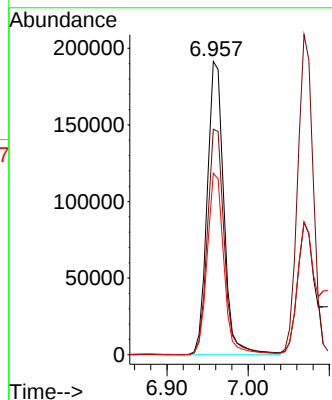
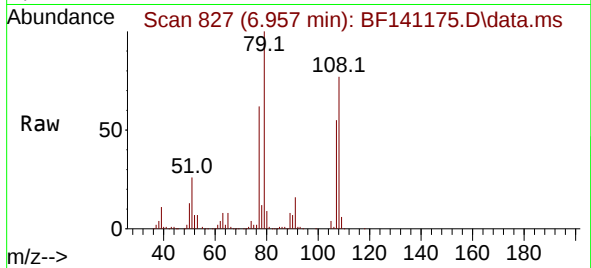




#15
Benzyl Alcohol
Concen: 30.363 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

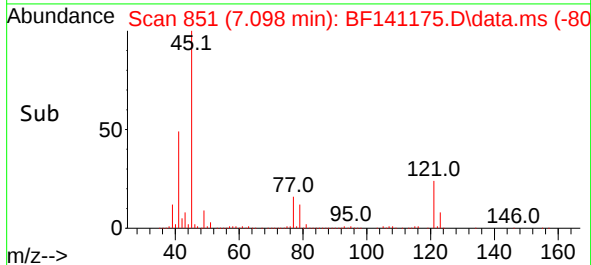
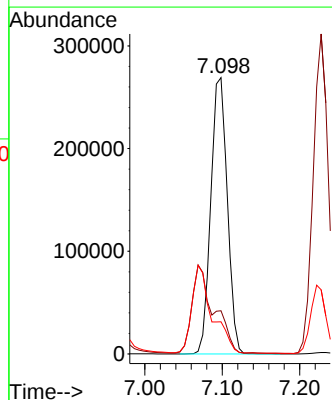
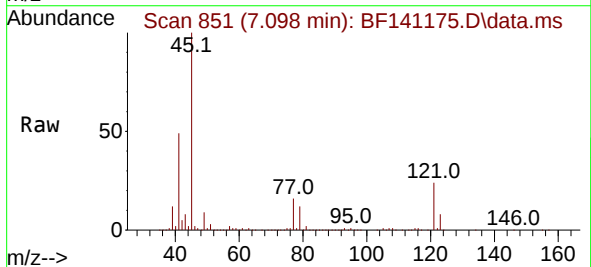
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

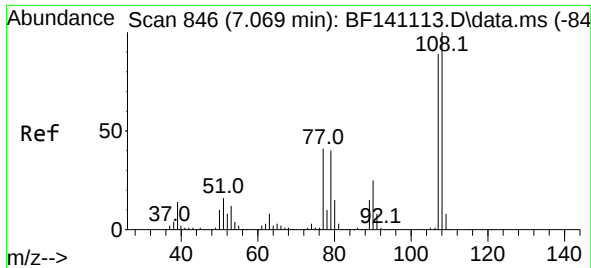
Tgt Ion: 79 Resp: 271930
Ion Ratio Lower Upper
79 100
108 76.9 61.4 92.0
77 61.8 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.820 ng
RT: 7.098 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

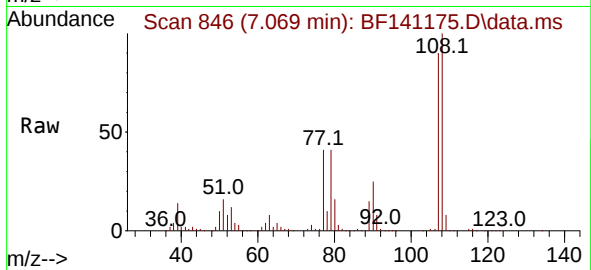
Tgt Ion: 45 Resp: 397871
Ion Ratio Lower Upper
45 100
77 15.6 0.0 34.1
79 11.6 0.0 31.0



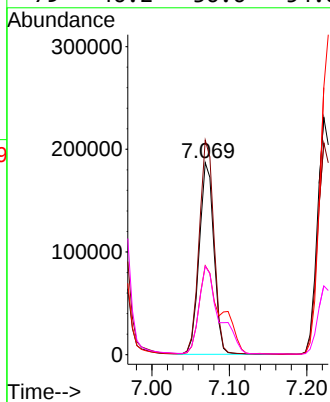
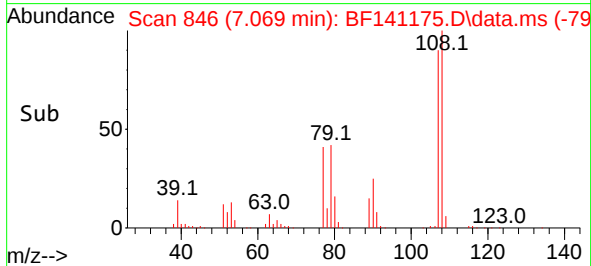


#17
2-Methylphenol
Concen: 28.967 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

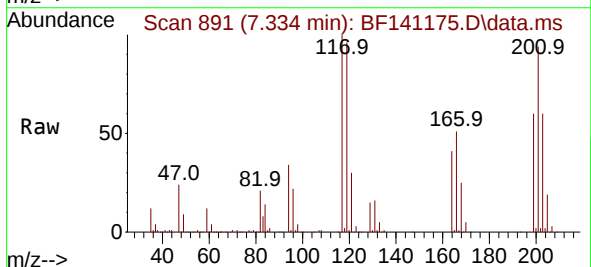
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS



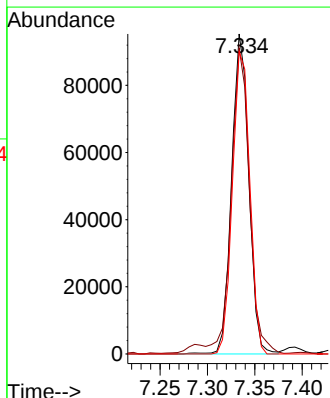
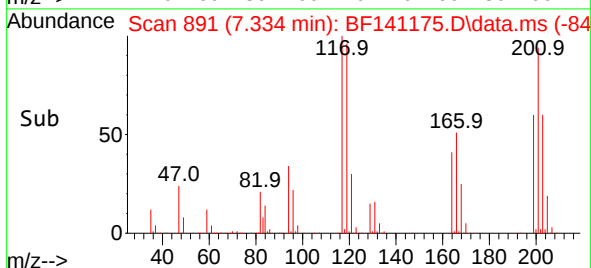
Tgt Ion:	107	Resp:	245642
Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.1	135.1
77	46.3	36.6	55.0
79	46.2	36.6	54.8



#18
Hexachloroethane
Concen: 28.192 ng
RT: 7.334 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05



Tgt Ion:	117	Resp:	120353
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.6	116.4
201	94.5	75.1	112.7



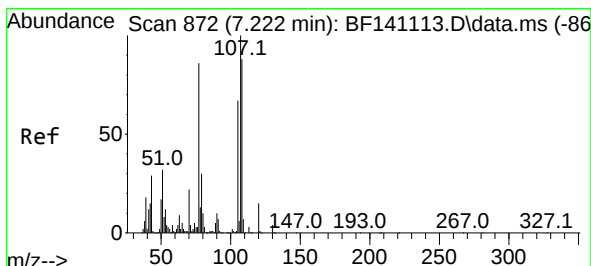
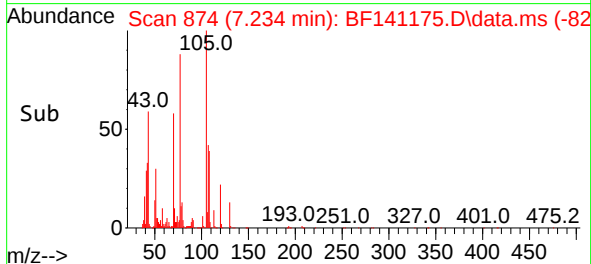
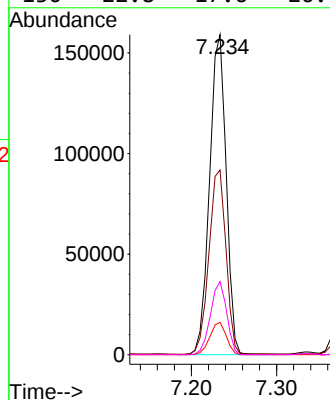
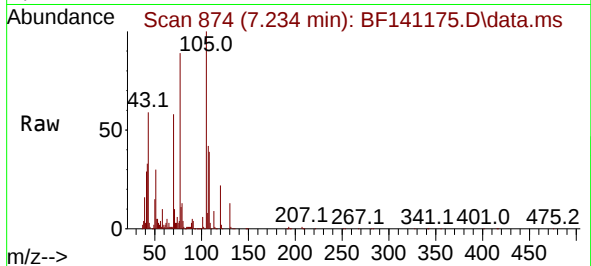


#19
n-Nitroso-di-n-propylamine
Concen: 29.523 ng
RT: 7.234 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

Tgt Ion: 70 Resp: 215674

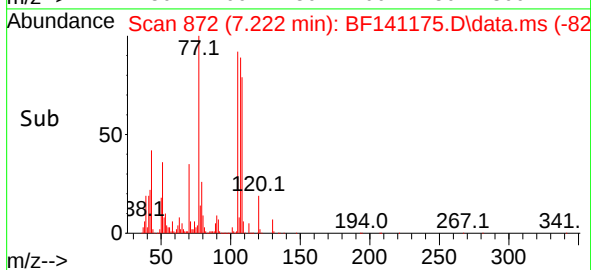
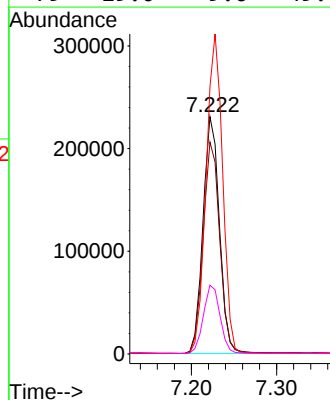
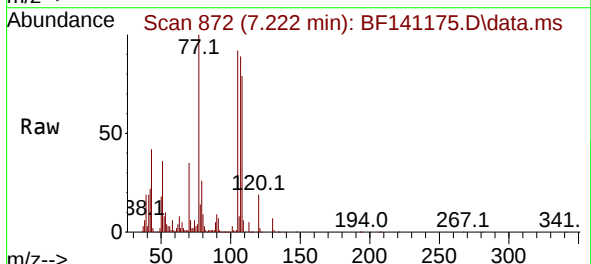
Ion	Ratio	Lower	Upper
70	100		
42	57.7	47.8	71.6
101	10.1	7.9	11.9
130	22.8	17.6	26.4

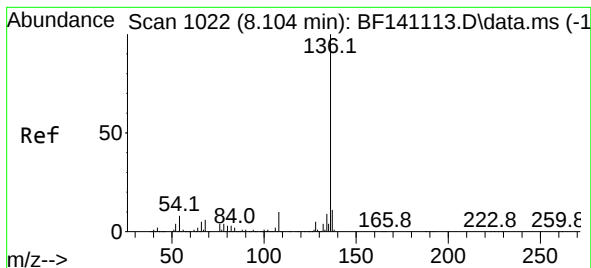


#20
3+4-Methylphenols
Concen: 28.906 ng
RT: 7.222 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

Tgt Ion: 107 Resp: 309253

Ion	Ratio	Lower	Upper
107	100		
108	89.3	68.3	108.3
77	112.6	66.4	106.4#
79	29.0	9.6	49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.104 min Scan# 1022

Delta R.T. -0.000 min

Lab File: BF141175.D

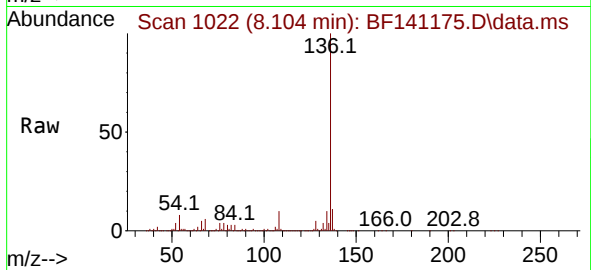
Acq: 15 Jan 2025 15:05

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS



Tgt Ion:136 Resp: 561441

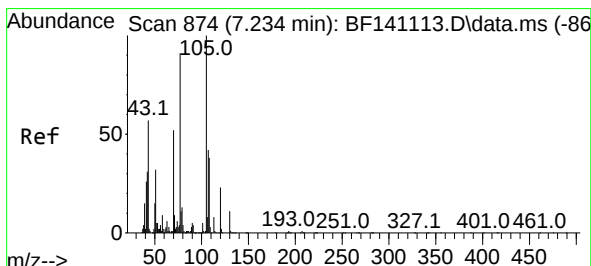
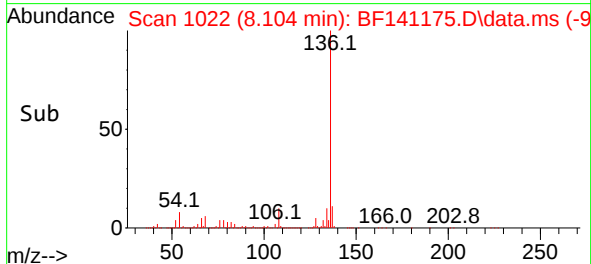
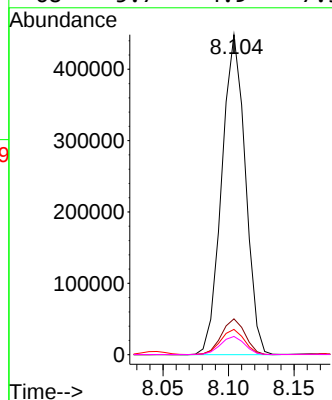
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.9 6.3 9.5

68 5.7 4.9 7.3



#22

Acetophenone

Concen: 31.465 ng

RT: 7.228 min Scan# 873

Delta R.T. -0.006 min

Lab File: BF141175.D

Acq: 15 Jan 2025 15:05

Tgt Ion:105 Resp: 419952

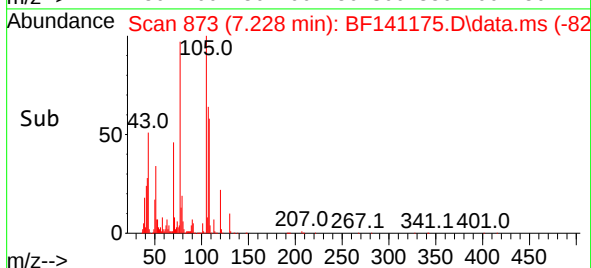
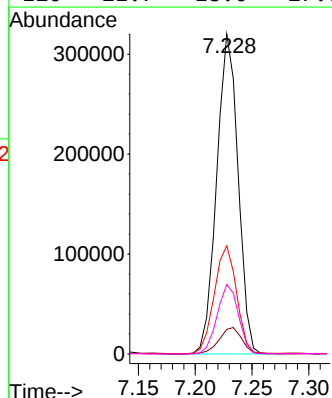
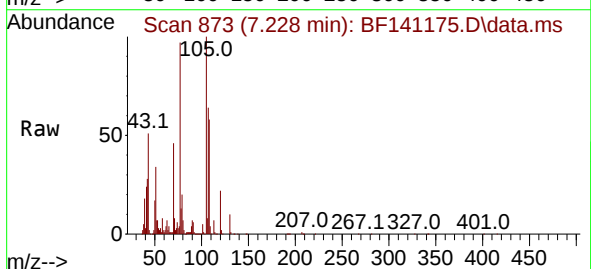
Ion Ratio Lower Upper

105 100

71 7.7 7.1 10.7

51 33.8 25.4 38.2

120 21.7 18.0 27.0

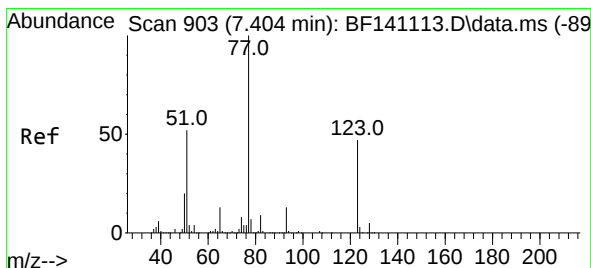
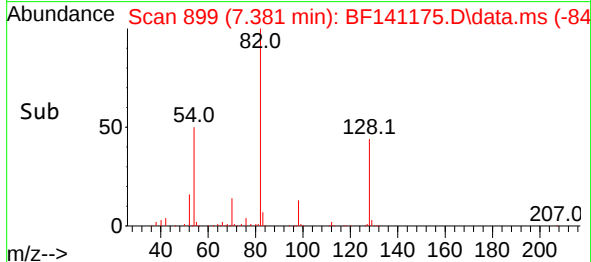
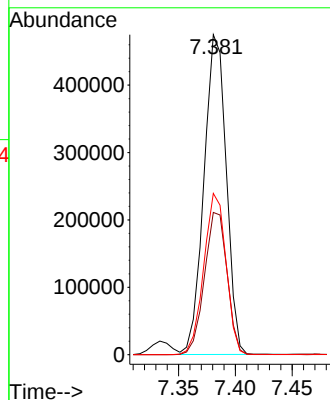
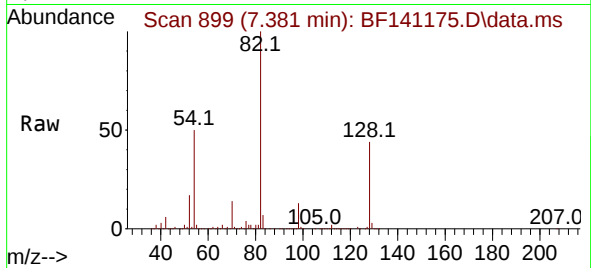




#23
Nitrobenzene-d5
Concen: 61.362 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

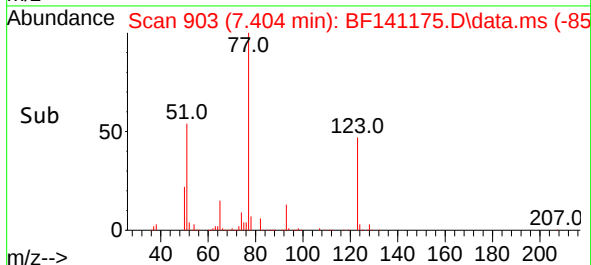
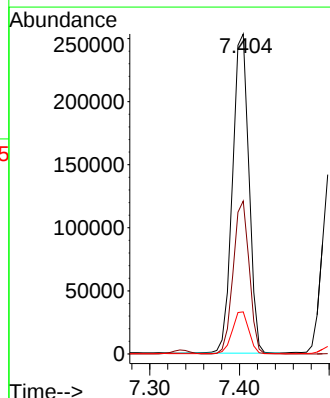
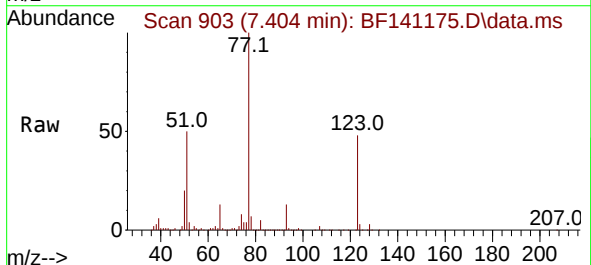
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

Tgt Ion: 82 Resp: 649918
Ion Ratio Lower Upper
82 100
128 44.4 36.1 54.1
54 50.4 41.0 61.4



#24
Nitrobenzene
Concen: 29.046 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.000 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

Tgt Ion: 77 Resp: 320631
Ion Ratio Lower Upper
77 100
123 47.8 37.7 56.5
65 13.2 10.6 16.0

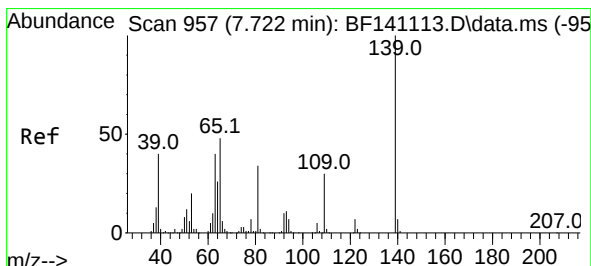
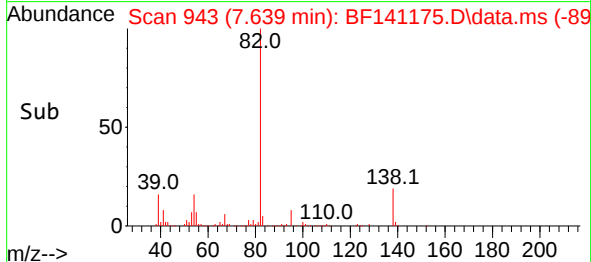
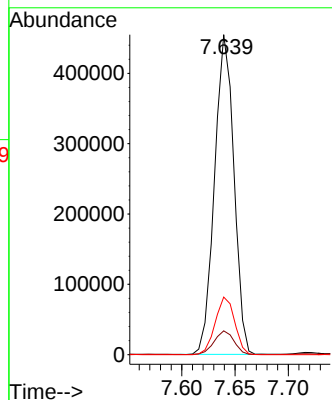
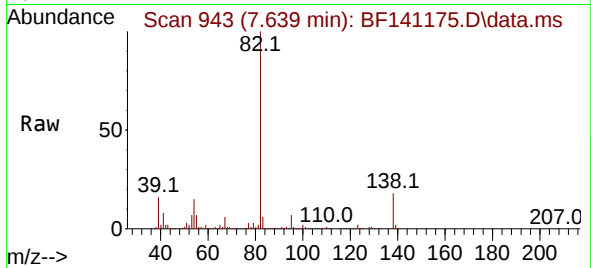




#25
Isophorone
Concen: 31.712 ng
RT: 7.639 min Scan# 943
Delta R.T. -0.000 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

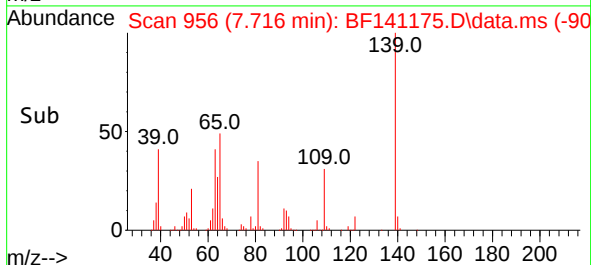
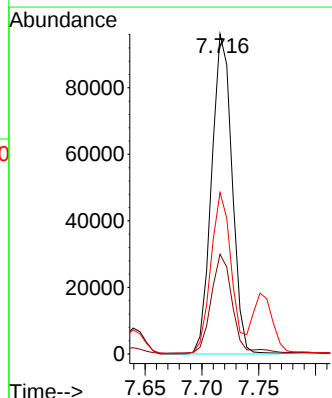
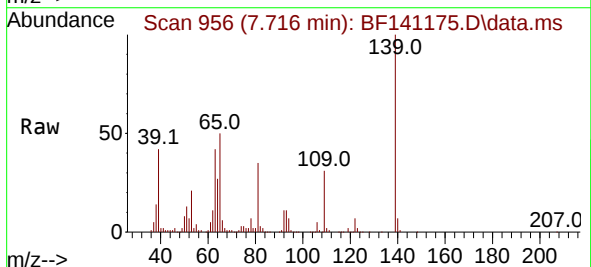
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

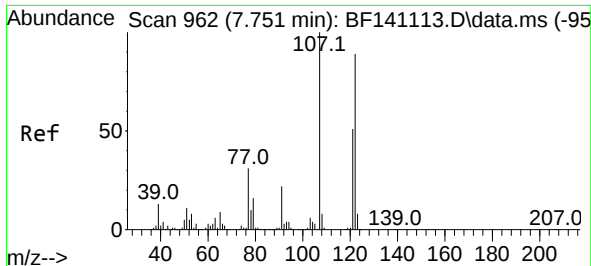
Tgt Ion: 82 Resp: 574003
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 18.0 14.2 21.2



#26
2-Nitrophenol
Concen: 23.977 ng
RT: 7.716 min Scan# 956
Delta R.T. -0.006 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

Tgt Ion:139 Resp: 120397
Ion Ratio Lower Upper
139 100
109 31.2 23.8 35.6
65 50.5 38.5 57.7

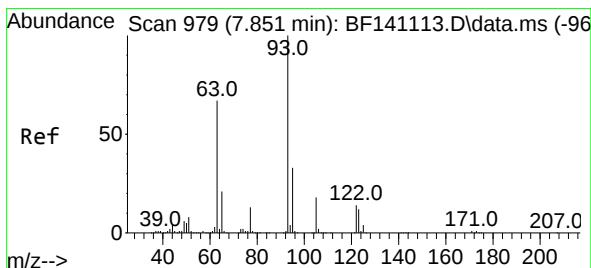
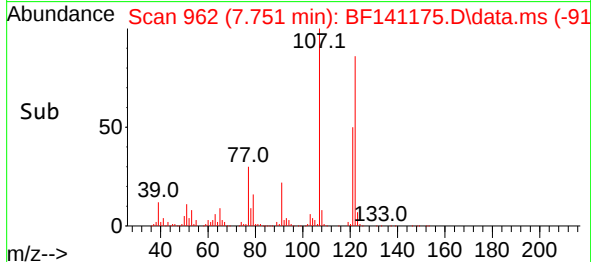
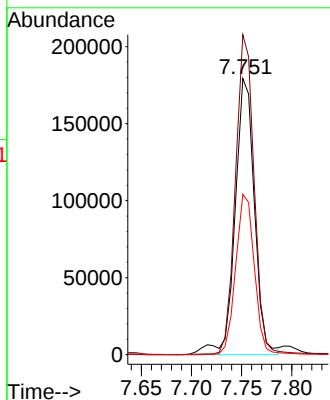
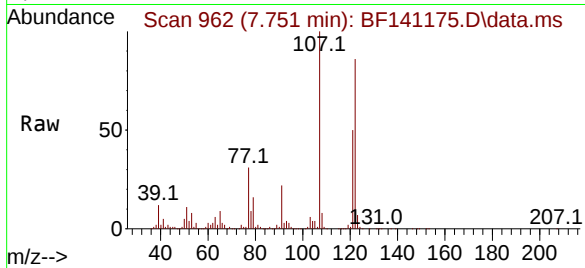




#27
2,4-Dimethylphenol
Concen: 35.728 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

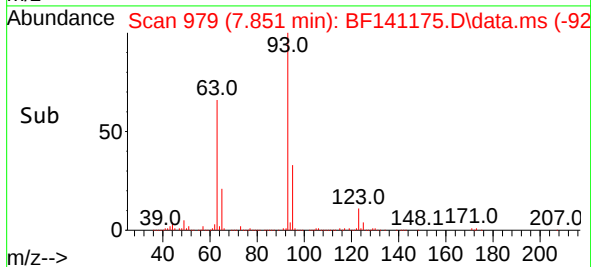
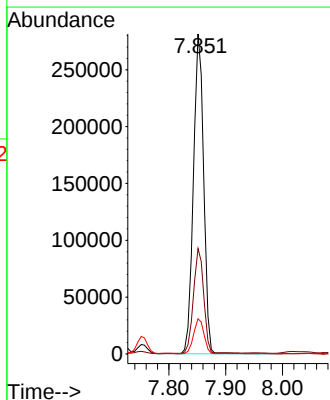
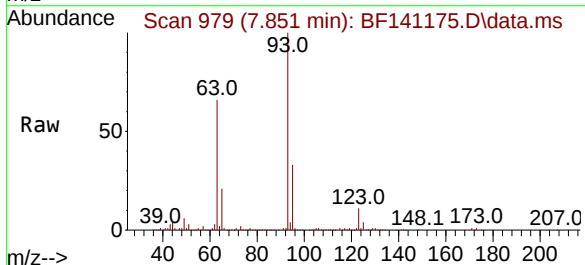
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

Tgt Ion:122 Resp: 241988
Ion Ratio Lower Upper
122 100
107 115.9 90.3 135.5
121 58.1 46.5 69.7



#28
bis(2-Chloroethoxy)methane
Concen: 31.271 ng
RT: 7.851 min Scan# 979
Delta R.T. -0.000 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

Tgt Ion: 93 Resp: 355223
Ion Ratio Lower Upper
93 100
95 32.9 26.2 39.4
123 11.0 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 27.047 ng

RT: 7.957 min Scan# 997

Delta R.T. -0.000 min

Lab File: BF141175.D

Acq: 15 Jan 2025 15:05

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS

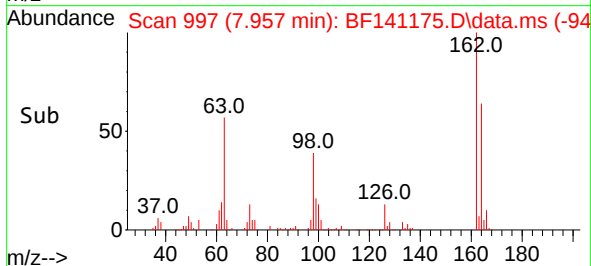
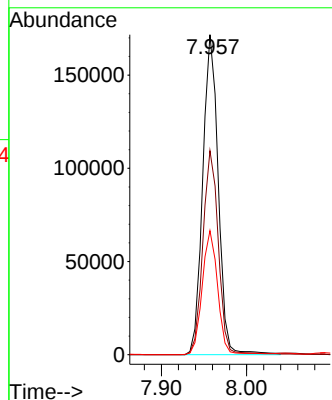
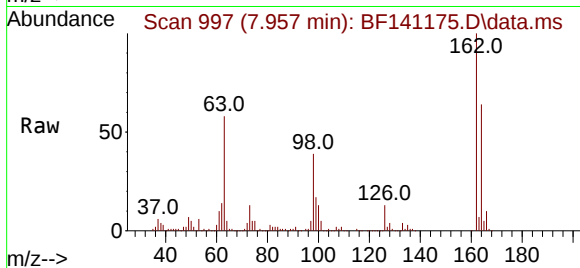
Tgt Ion:162 Resp: 217566

Ion Ratio Lower Upper

162 100

164 63.7 44.5 84.5

98 38.8 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 28.609 ng

RT: 8.045 min Scan# 1012

Delta R.T. -0.000 min

Lab File: BF141175.D

Acq: 15 Jan 2025 15:05

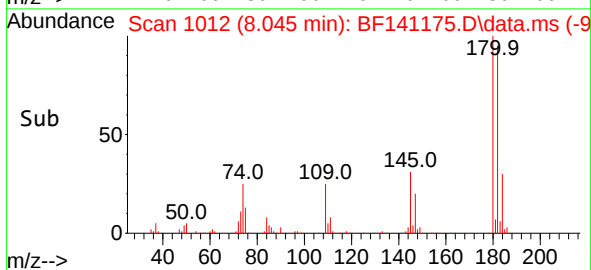
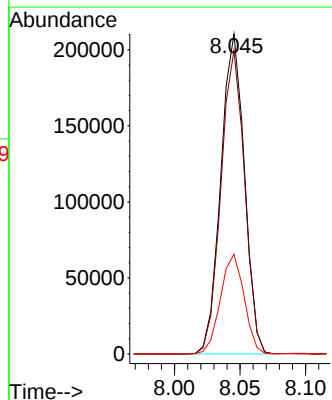
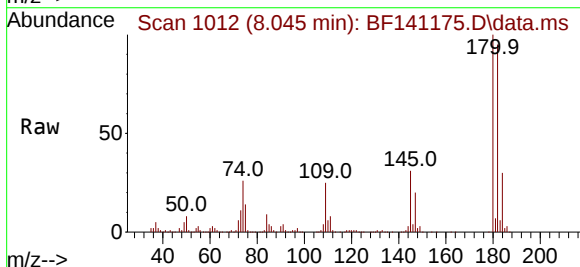
Tgt Ion:180 Resp: 263047

Ion Ratio Lower Upper

180 100

182 94.8 76.2 114.2

145 31.2 25.3 37.9

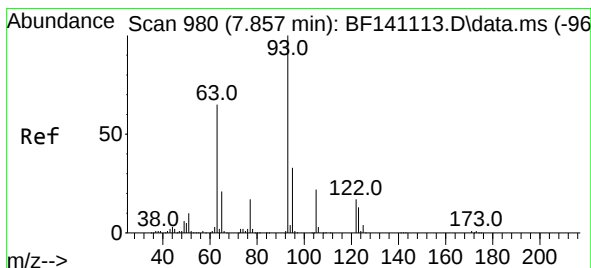
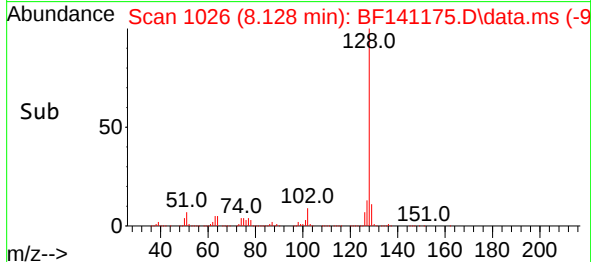
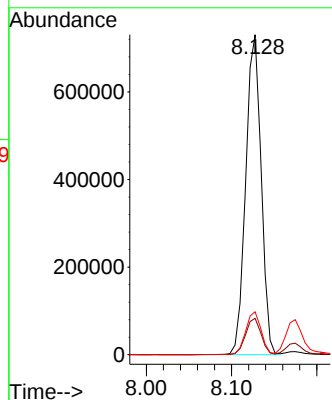
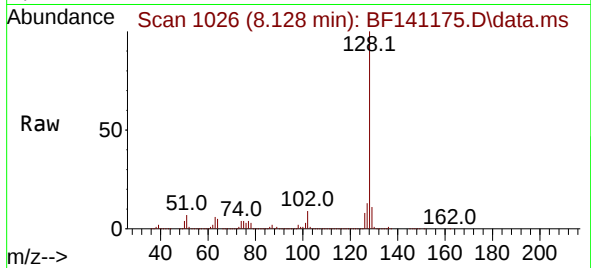




#31
Naphthalene
Concen: 31.026 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

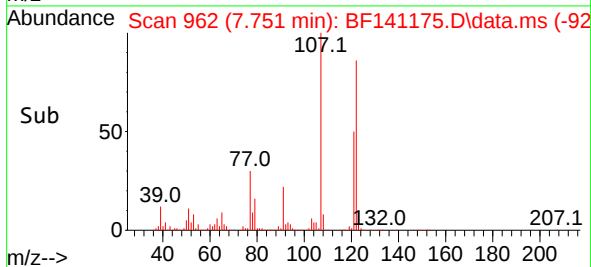
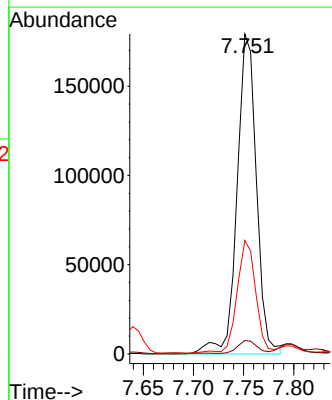
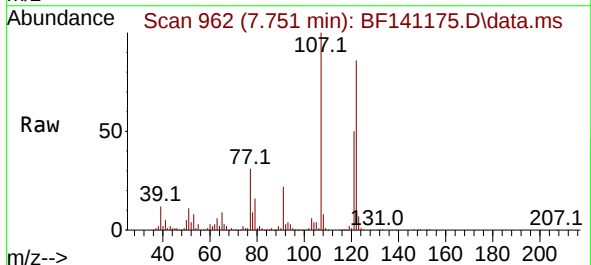
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

Tgt Ion:128 Resp: 918606
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 37.245 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.106 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

Tgt Ion:122 Resp: 241988
Ion Ratio Lower Upper
122 100
105 4.2 105.5 145.5#
77 35.4 75.1 115.1#





#33

4-Chloroaniline

Concen: 11.264 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.000 min

Lab File: BF141175.D

Acq: 15 Jan 2025 15:05

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS

Tgt Ion:127 Resp: 115343

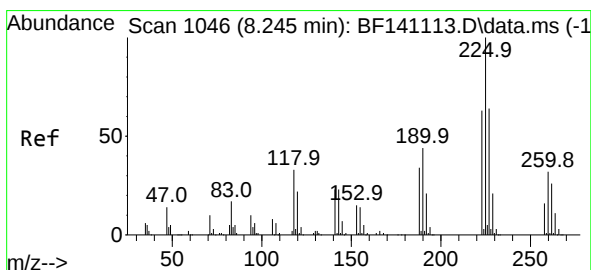
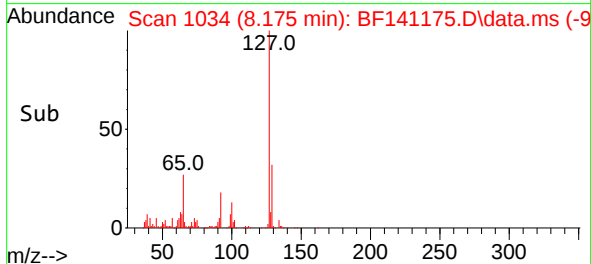
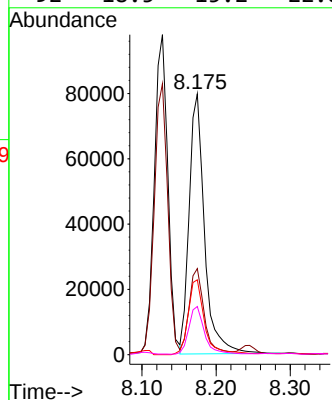
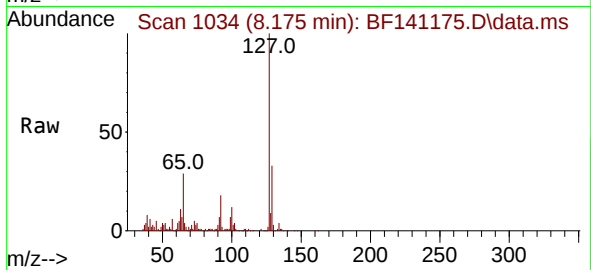
Ion Ratio Lower Upper

127 100

129 33.0 25.9 38.9

65 28.7 23.8 35.8

92 18.5 15.2 22.8



#34

Hexachlorobutadiene

Concen: 29.337 ng

RT: 8.245 min Scan# 1046

Delta R.T. -0.000 min

Lab File: BF141175.D

Acq: 15 Jan 2025 15:05

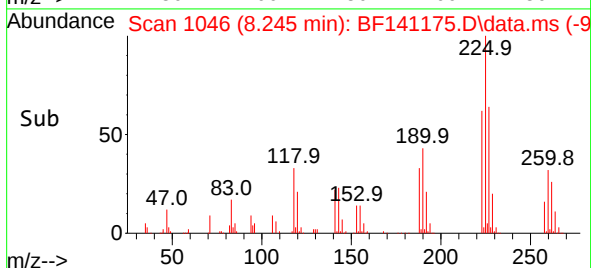
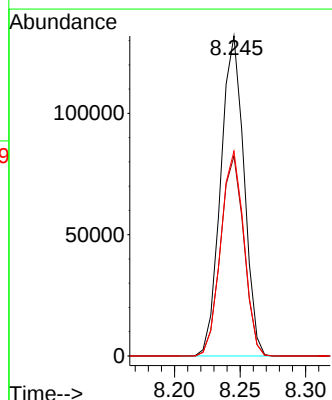
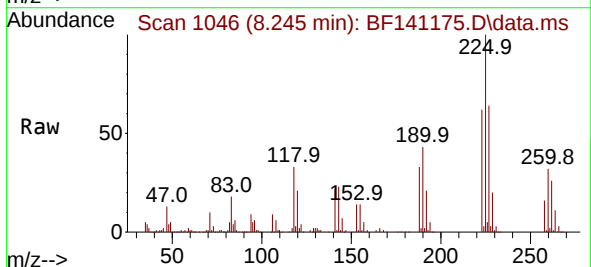
Tgt Ion:225 Resp: 162534

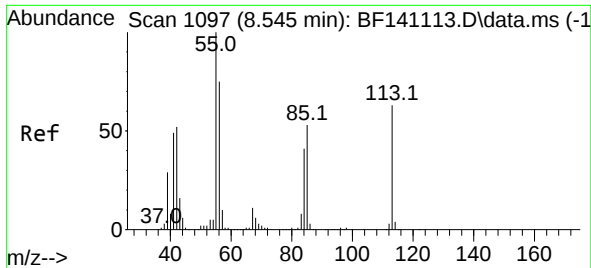
Ion Ratio Lower Upper

225 100

223 62.5 50.6 76.0

227 64.0 51.6 77.4

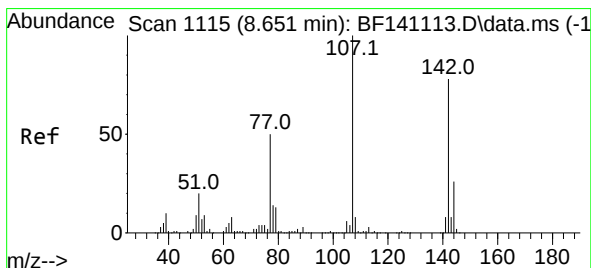
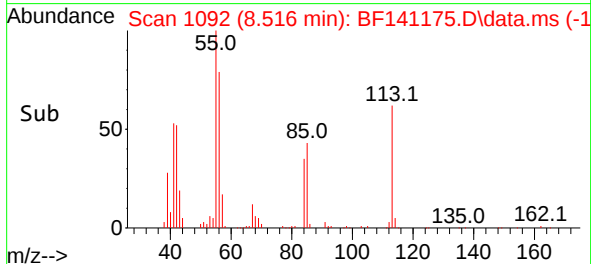
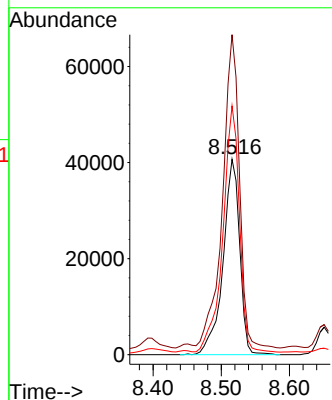
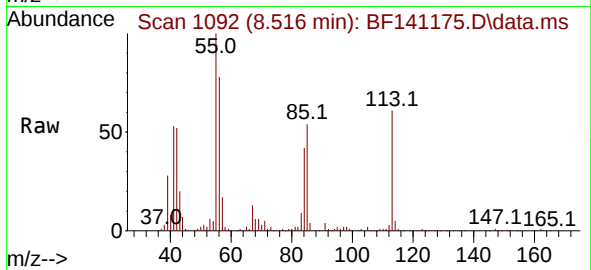




#35
 Caprolactam
 Concen: 26.249 ng
 RT: 8.516 min Scan# 1092
 Delta R.T. -0.030 min
 Lab File: BF141175.D
 Acq: 15 Jan 2025 15:05

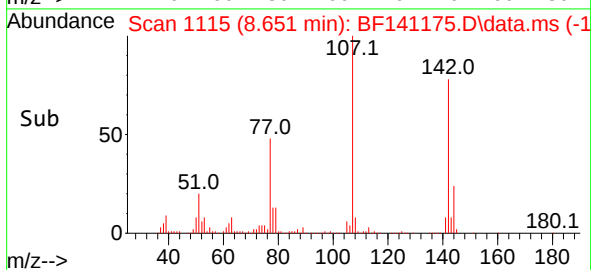
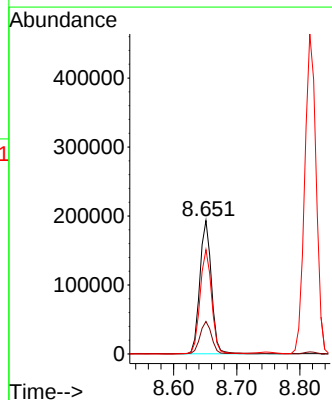
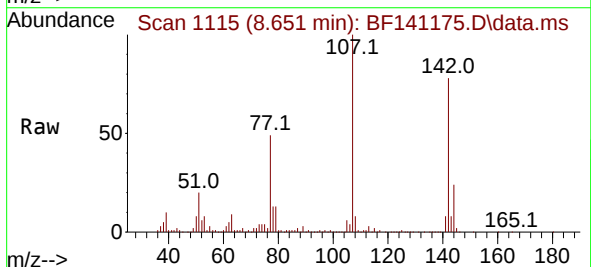
Instrument :
 BNA_F
 ClientSampleId :
 TR-06-1-10-2025MS

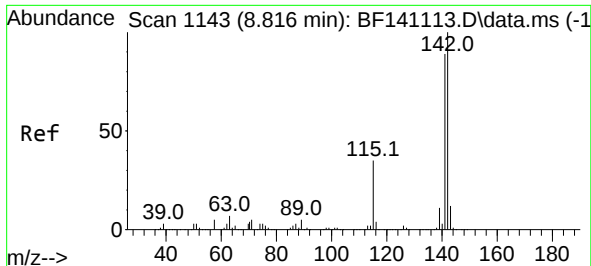
Tgt Ion:113 Resp: 69129
 Ion Ratio Lower Upper
 113 100
 55 163.8 139.7 179.7
 56 127.3 99.4 139.4



#36
 4-Chloro-3-methylphenol
 Concen: 28.059 ng
 RT: 8.651 min Scan# 1115
 Delta R.T. -0.000 min
 Lab File: BF141175.D
 Acq: 15 Jan 2025 15:05

Tgt Ion:107 Resp: 246845
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.4 30.6
 142 78.2 62.2 93.2

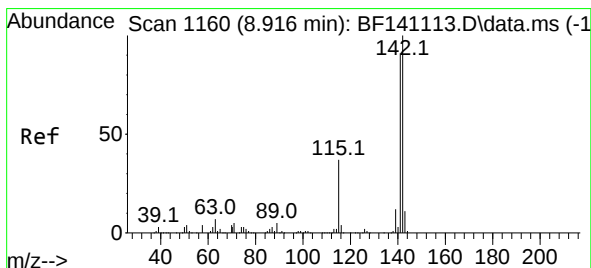
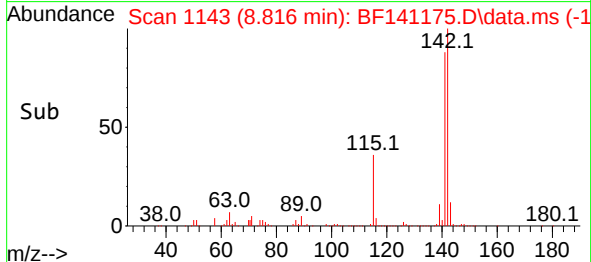
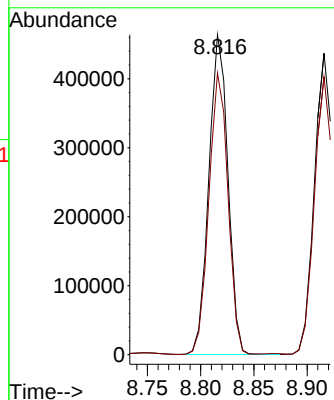
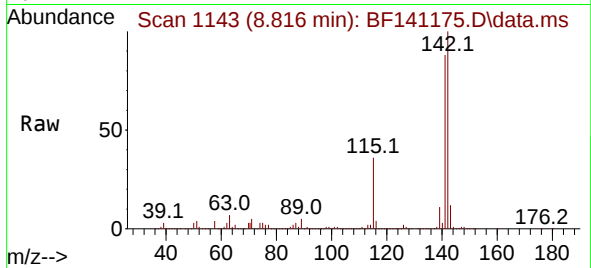




#37
2-Methylnaphthalene
Concen: 30.662 ng
RT: 8.816 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

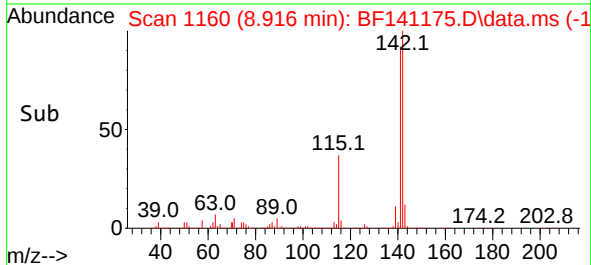
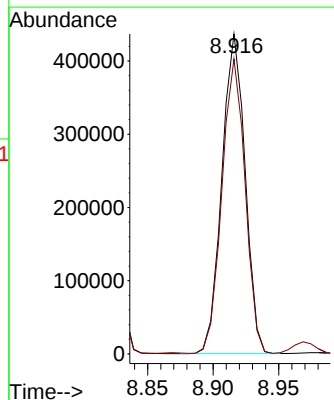
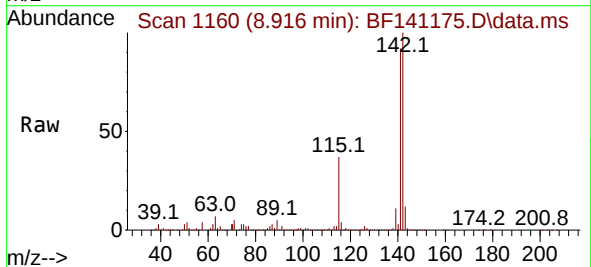
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

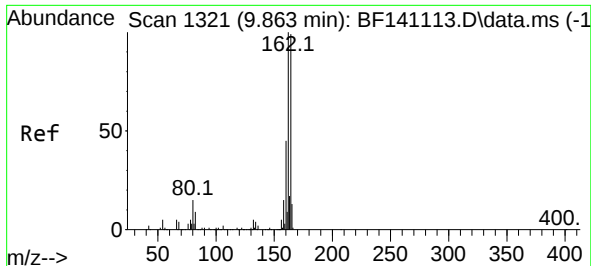
Tgt Ion:142 Resp: 578514
Ion Ratio Lower Upper
142 100
141 88.0 71.3 106.9



#38
1-Methylnaphthalene
Concen: 28.874 ng
RT: 8.916 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

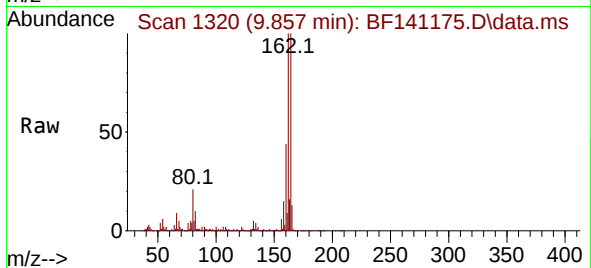
Tgt Ion:142 Resp: 536900
Ion Ratio Lower Upper
142 100
141 92.2 73.1 109.7



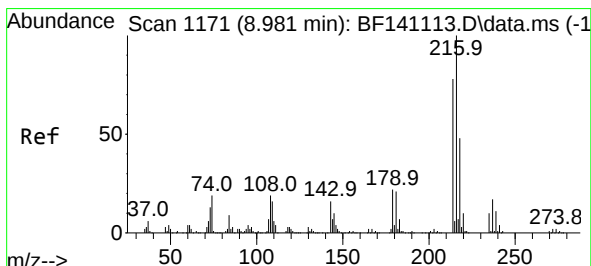
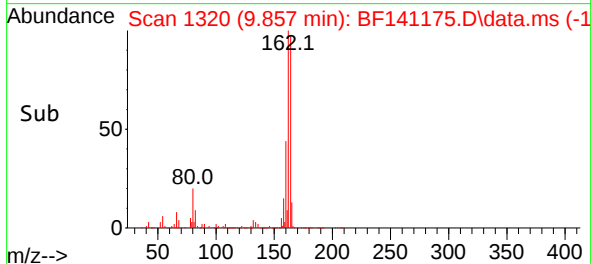
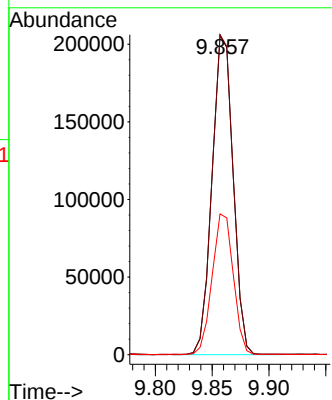


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

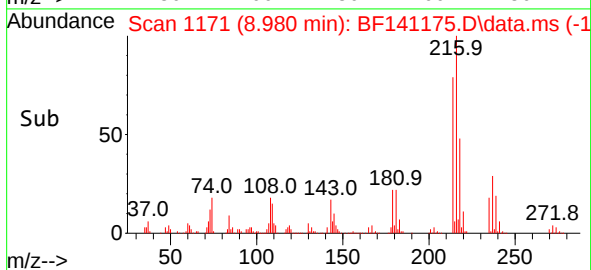
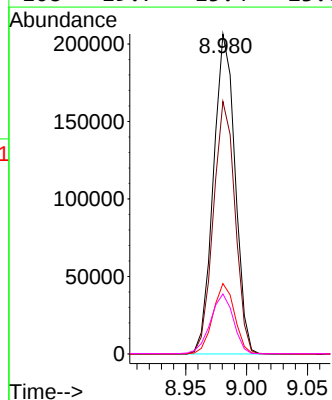
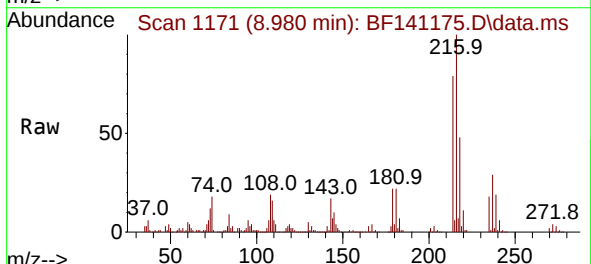


Tgt Ion:164 Resp: 265282
Ion Ratio Lower Upper
164 100
162 100.2 81.0 121.4
160 44.1 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.573 ng
RT: 8.980 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

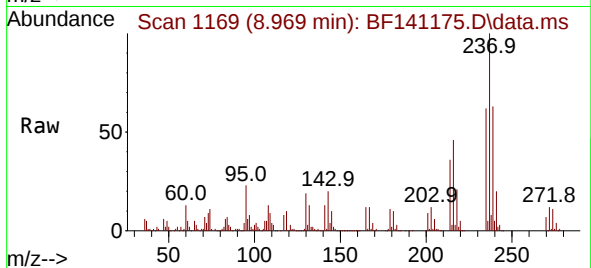
Tgt Ion:216 Resp: 255628
Ion Ratio Lower Upper
216 100
214 78.8 62.6 94.0
179 21.7 17.7 26.5
108 19.7 15.4 23.0



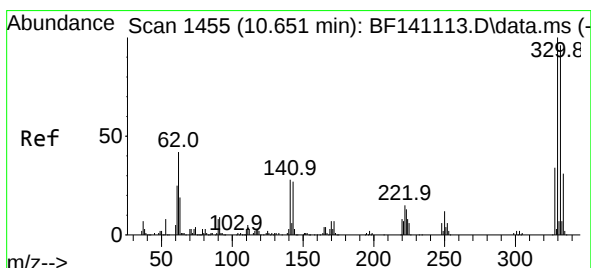
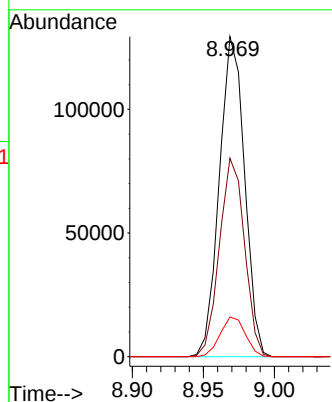
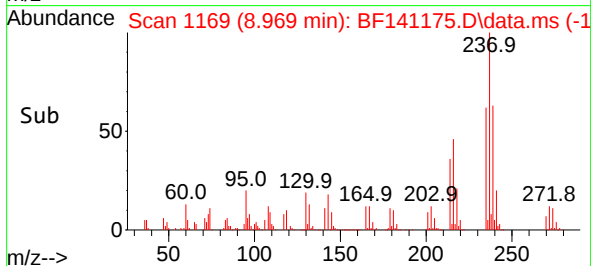


#41
Hexachlorocyclopentadiene
Concen: 64.166 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

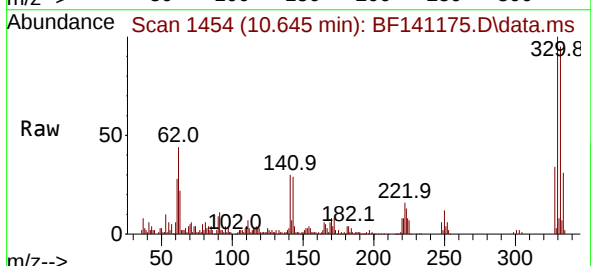
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS



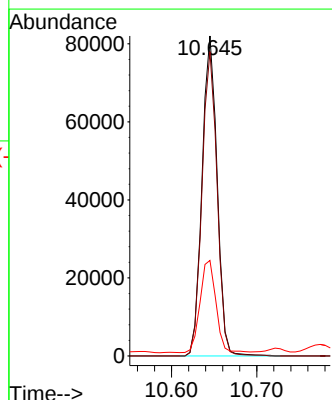
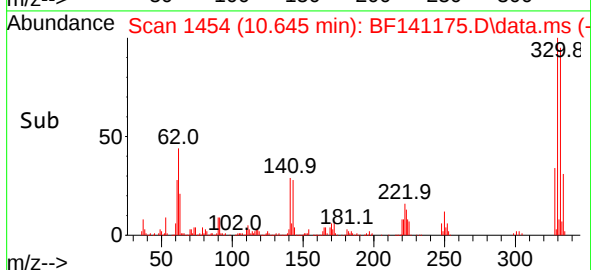
Tgt Ion:237 Resp: 159842
Ion Ratio Lower Upper
237 100
235 62.0 43.0 83.0
272 12.4 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 33.339 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05



Tgt Ion:330 Resp: 100774
Ion Ratio Lower Upper
330 100
332 94.9 76.9 115.3
141 30.3 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 17.169 ng

RT: 9.092 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF141175.D

Acq: 15 Jan 2025 15:05

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS

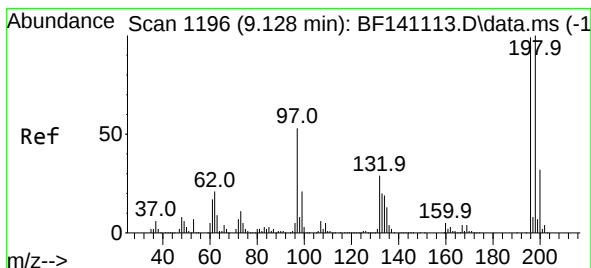
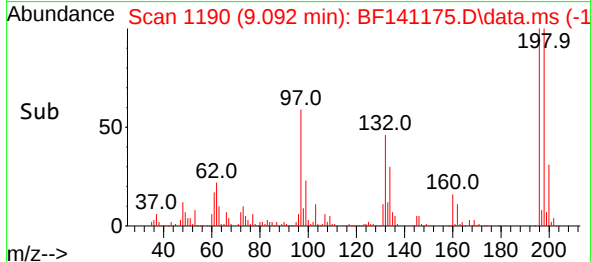
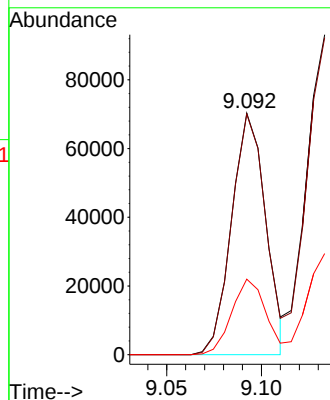
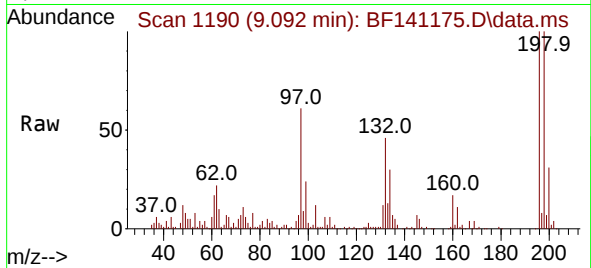
Tgt Ion:196 Resp: 88165

Ion Ratio Lower Upper

196 100

198 99.5 80.8 121.2

200 31.3 25.7 38.5



#44

2,4,5-Trichlorophenol

Concen: 22.032 ng

RT: 9.133 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF141175.D

Acq: 15 Jan 2025 15:05

Tgt Ion:196 Resp: 119487

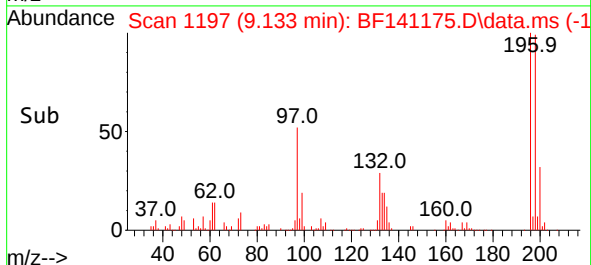
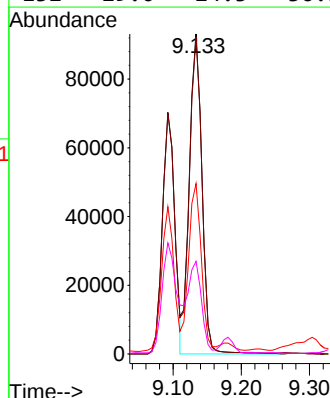
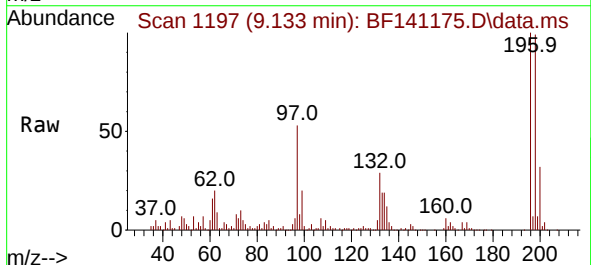
Ion Ratio Lower Upper

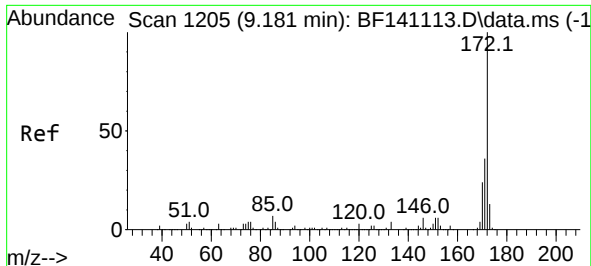
196 100

198 99.1 80.6 120.8

97 53.3 43.1 64.7

132 29.0 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 65.849 ng

RT: 9.180 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141175.D

Acq: 15 Jan 2025 15:05

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS

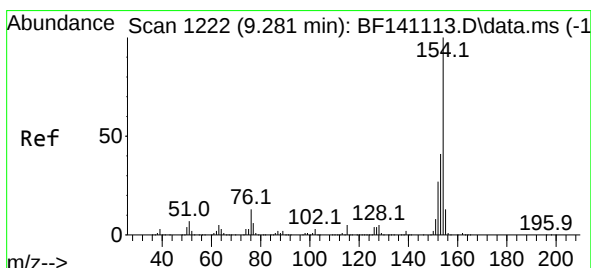
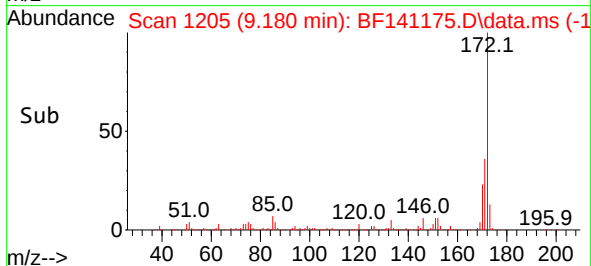
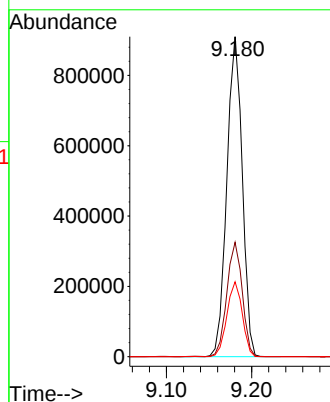
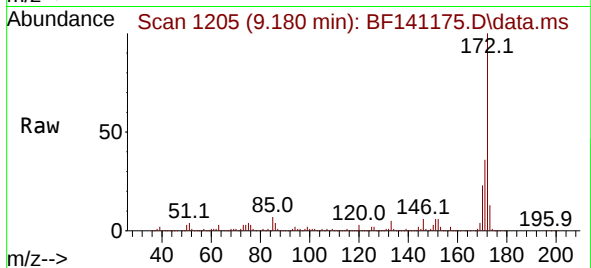
Tgt Ion:172 Resp: 1143953

Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 23.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 33.515 ng

RT: 9.280 min Scan# 1222

Delta R.T. -0.000 min

Lab File: BF141175.D

Acq: 15 Jan 2025 15:05

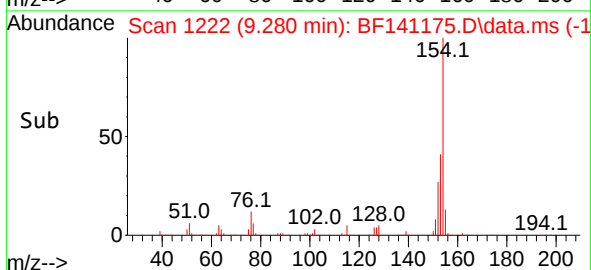
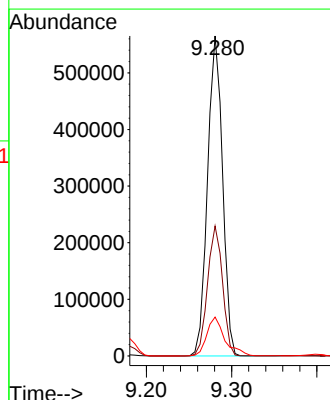
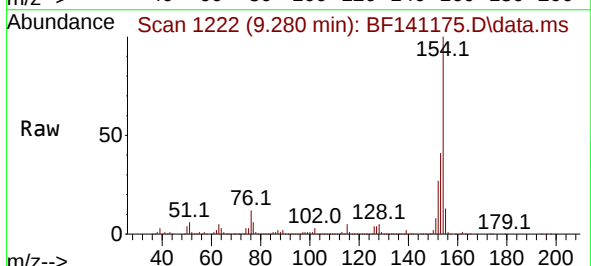
Tgt Ion:154 Resp: 690480

Ion Ratio Lower Upper

154 100

153 40.6 20.7 60.7

76 12.1 0.0 33.1

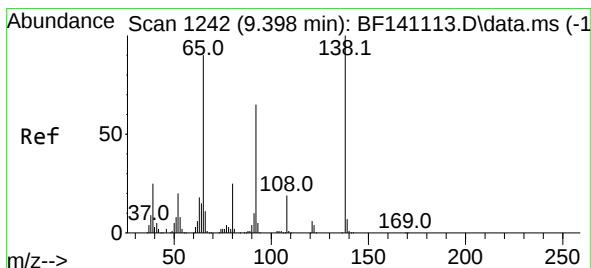
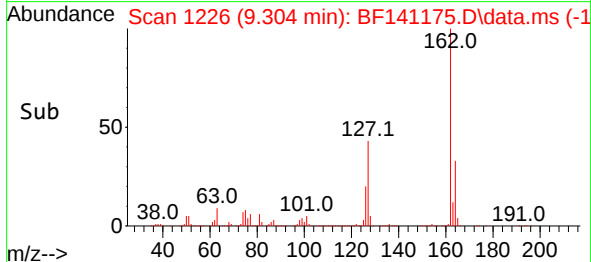
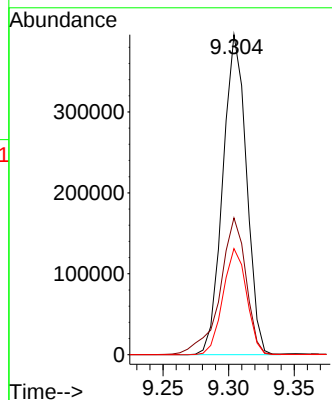
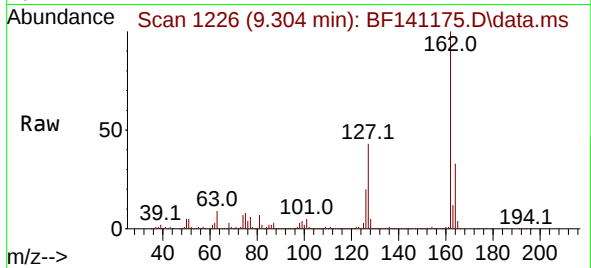




#47
2-Chloronaphthalene
Concen: 30.895 ng
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

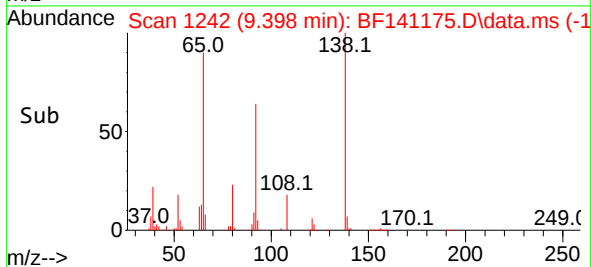
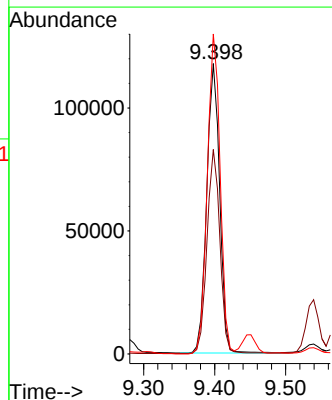
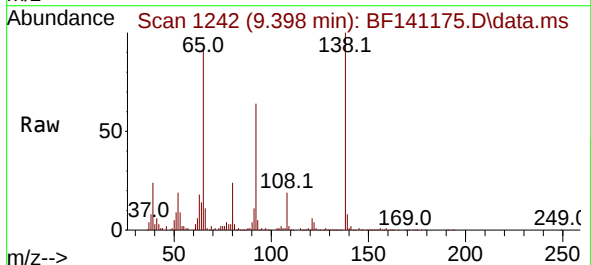
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

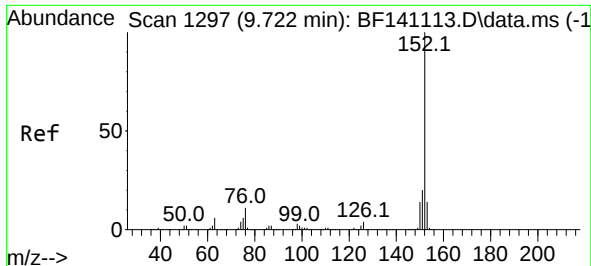
Tgt Ion:162 Resp: 495753
Ion Ratio Lower Upper
162 100
127 42.7 34.6 51.8
164 33.1 26.5 39.7



#48
2-Nitroaniline
Concen: 31.408 ng
RT: 9.398 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

Tgt Ion: 65 Resp: 149394
Ion Ratio Lower Upper
65 100
92 70.4 58.3 87.5
138 110.2 89.1 133.7





#49

Acenaphthylene

Concen: 38.283 ng

RT: 9.722 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141175.D

Acq: 15 Jan 2025 15:05

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS

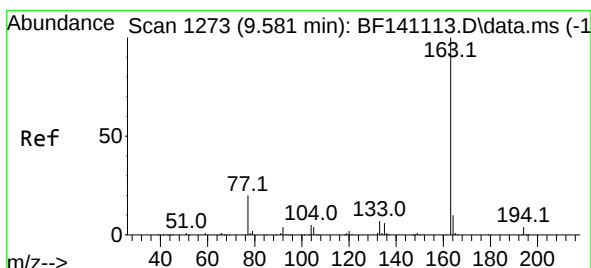
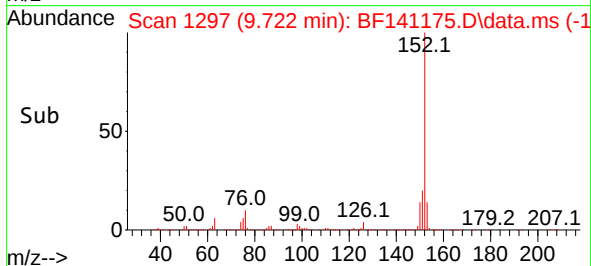
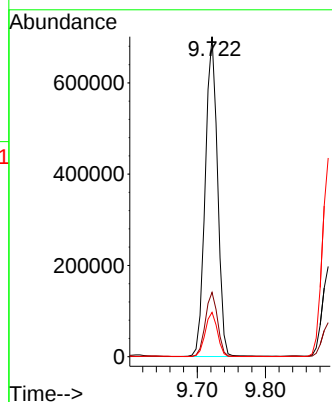
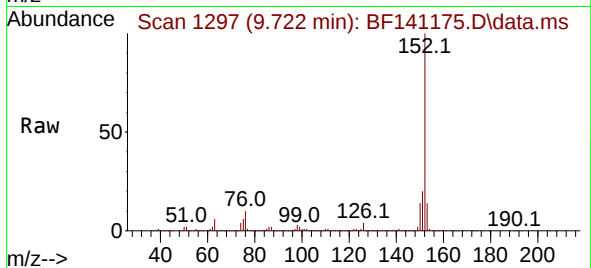
Tgt Ion:152 Resp: 877645

Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

153 13.9 11.1 16.7



#50

Dimethylphthalate

Concen: 33.137 ng

RT: 9.580 min Scan# 1273

Delta R.T. -0.000 min

Lab File: BF141175.D

Acq: 15 Jan 2025 15:05

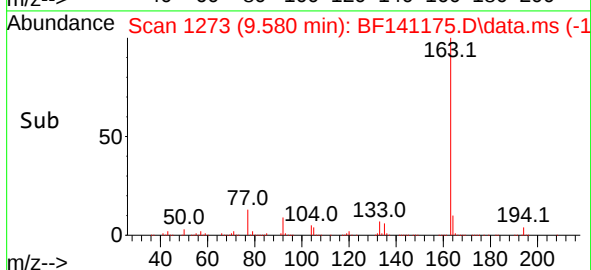
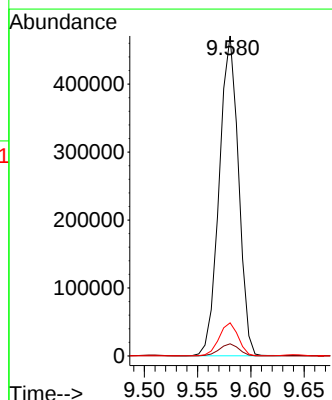
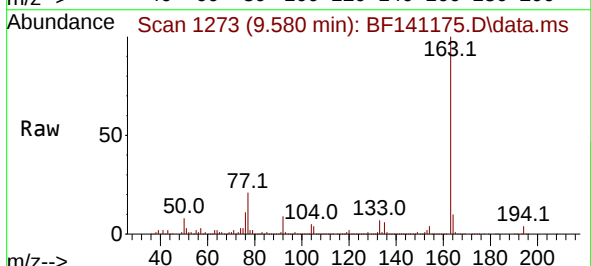
Tgt Ion:163 Resp: 590143

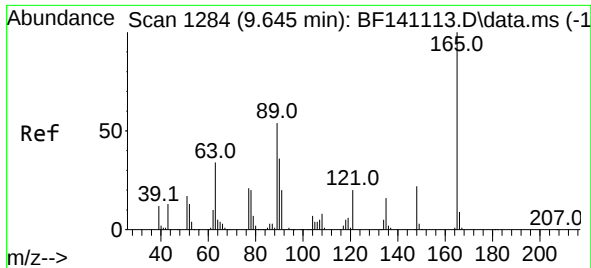
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.3 8.2 12.4

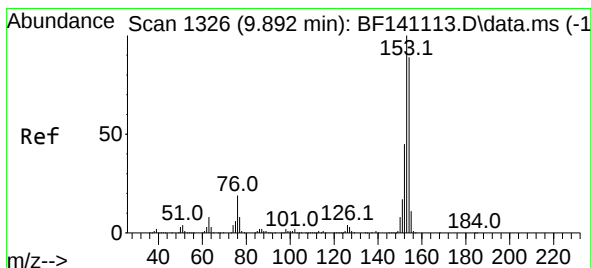
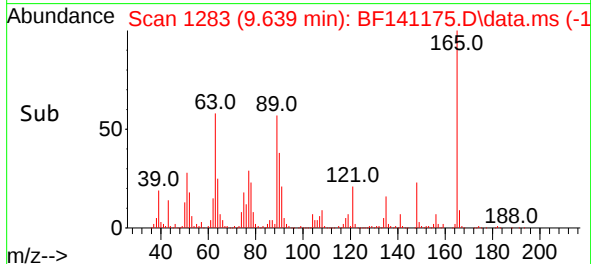
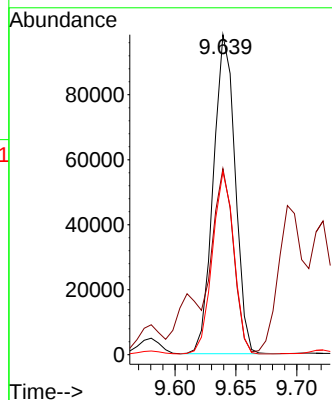
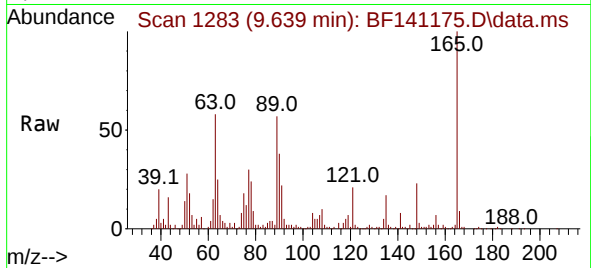




#51
2,6-Dinitrotoluene
Concen: 29.528 ng
RT: 9.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

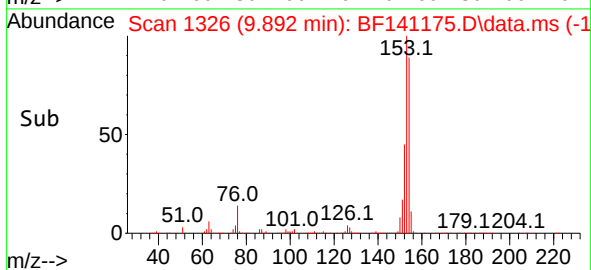
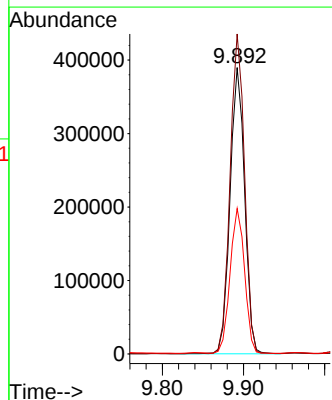
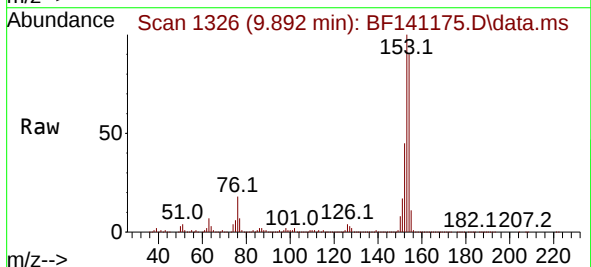
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

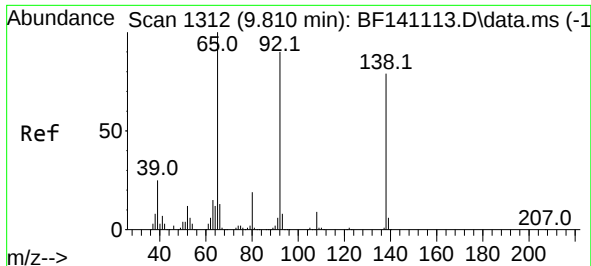
Tgt Ion:165 Resp: 122290
Ion Ratio Lower Upper
165 100
63 58.1 42.3 63.5
89 57.1 43.1 64.7



#52
Acenaphthene
Concen: 30.298 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

Tgt Ion:154 Resp: 485274
Ion Ratio Lower Upper
154 100
153 111.7 89.8 134.6
152 50.8 40.8 61.2

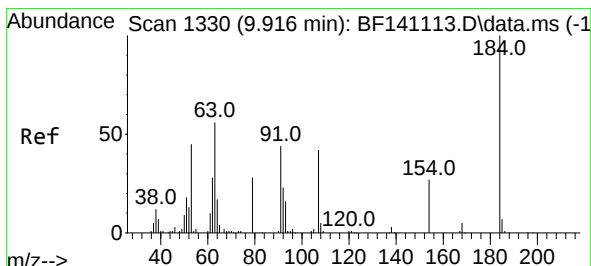
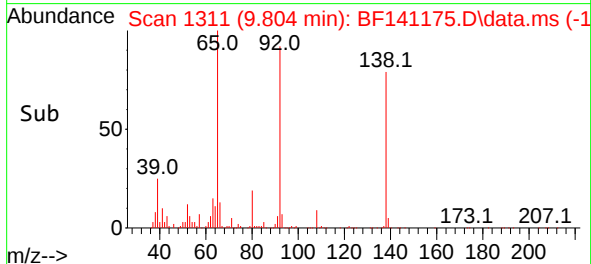
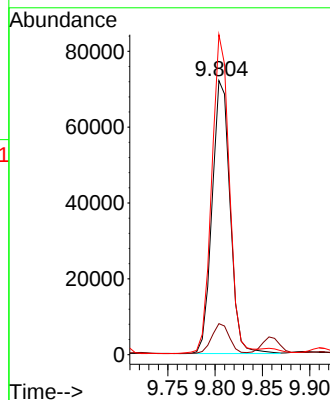
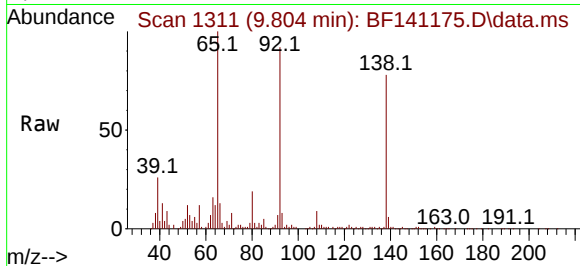




#53
3-Nitroaniline
Concen: 22.559 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

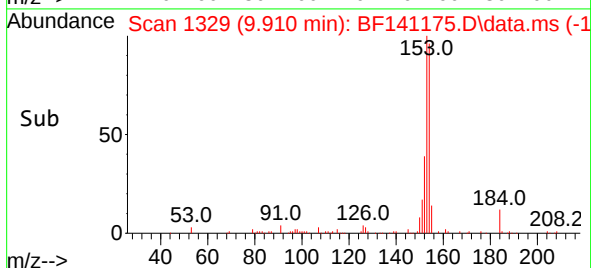
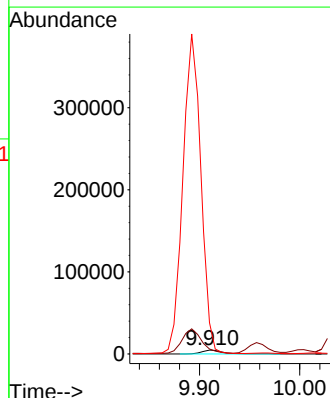
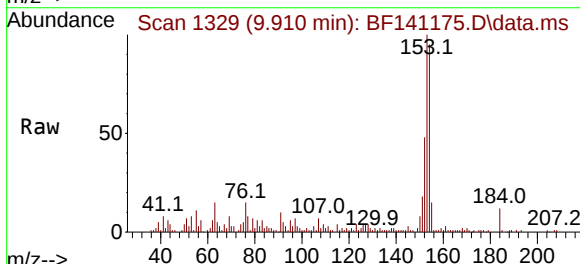
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

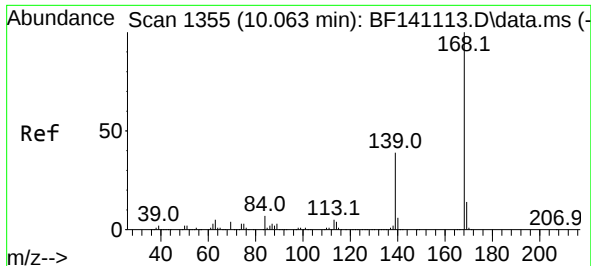
Tgt Ion:138 Resp: 94941
Ion Ratio Lower Upper
138 100
108 11.4 8.8 13.2
92 116.8 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 3.440 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

Tgt Ion:184 Resp: 6772
Ion Ratio Lower Upper
184 100
63 130.6 48.7 73.1#
154 828.4 57.1 85.7#

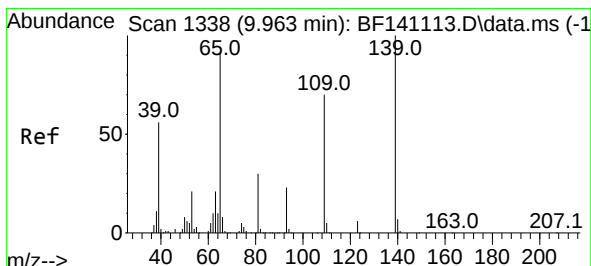
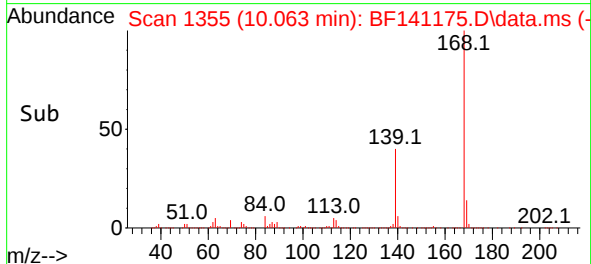
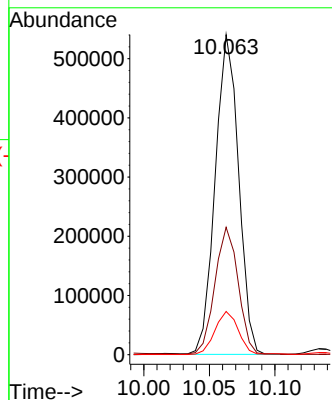
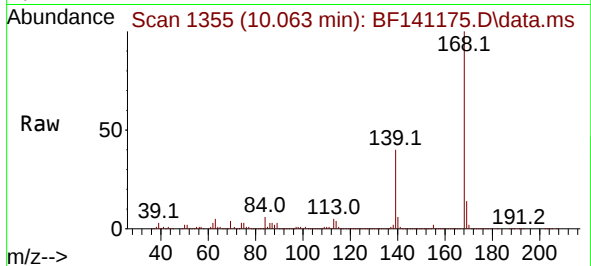




#55
Dibenzenofuran
Concen: 30.632 ng
RT: 10.063 min Scan# 1355
Delta R.T. -0.000 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

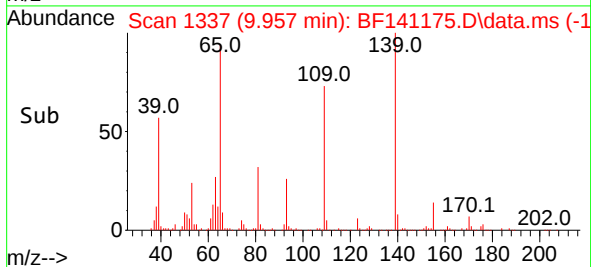
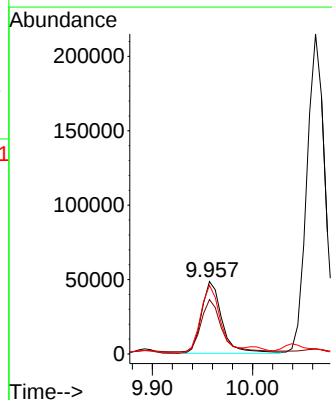
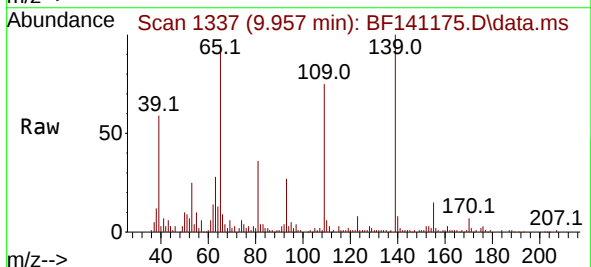
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

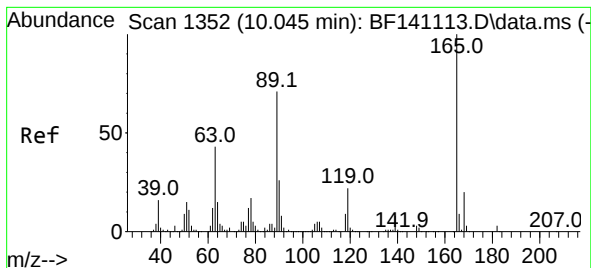
Tgt Ion:168 Resp: 667349
Ion Ratio Lower Upper
168 100
139 39.8 31.4 47.0
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 20.816 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

Tgt Ion:139 Resp: 68610
Ion Ratio Lower Upper
139 100
109 75.2 50.2 90.2
65 94.7 72.1 112.1

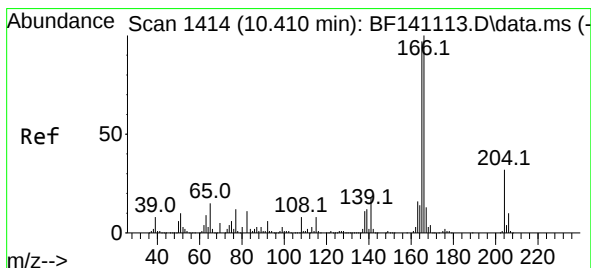
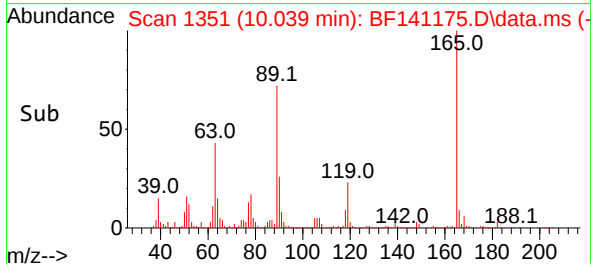
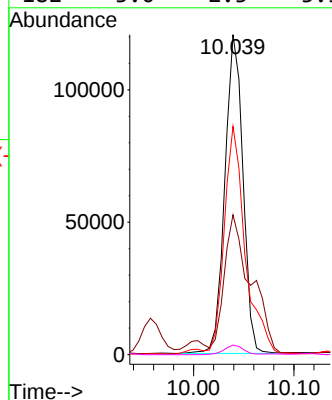
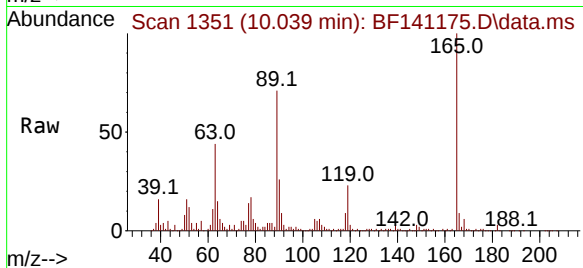




#57
2,4-Dinitrotoluene
Concen: 28.200 ng
RT: 10.039 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

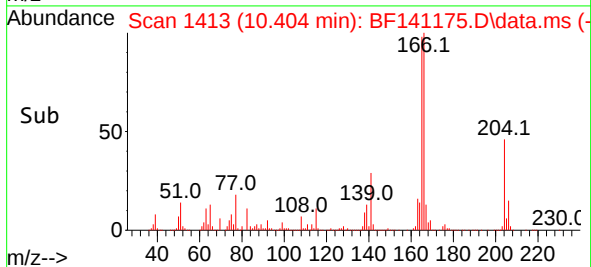
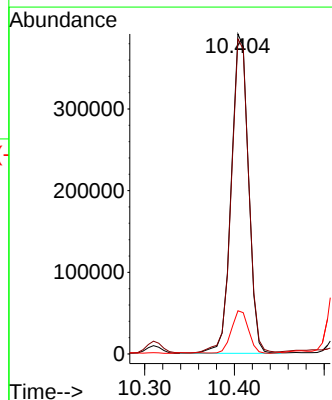
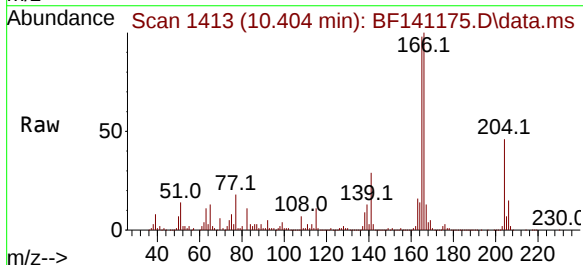
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

Tgt Ion:165 Resp: 150510
Ion Ratio Lower Upper
165 100
63 43.7 35.0 52.4
89 71.4 56.7 85.1
182 3.0 2.3 3.5



#58
Fluorene
Concen: 30.626 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

Tgt Ion:166 Resp: 518351
Ion Ratio Lower Upper
166 100
165 98.4 77.8 116.8
167 13.5 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 11.396 ng

RT: 10.180 min Scan# 1375

Delta R.T. -0.000 min

Lab File: BF141175.D

Acq: 15 Jan 2025 15:05

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS

Tgt Ion:232 Resp: 51375

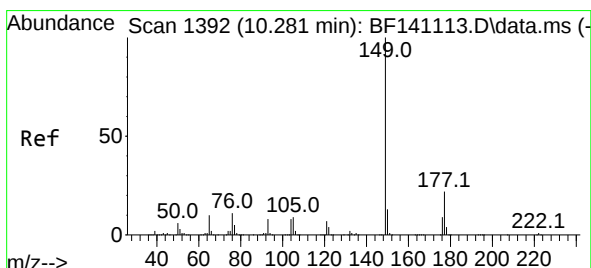
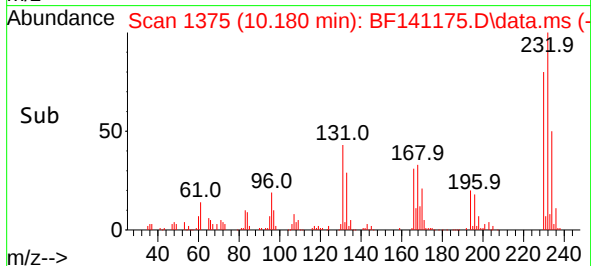
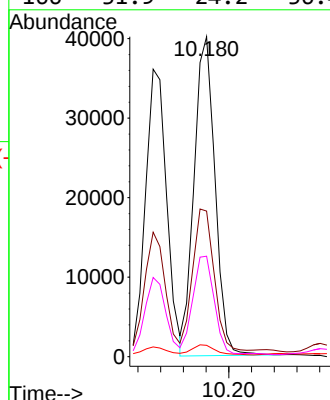
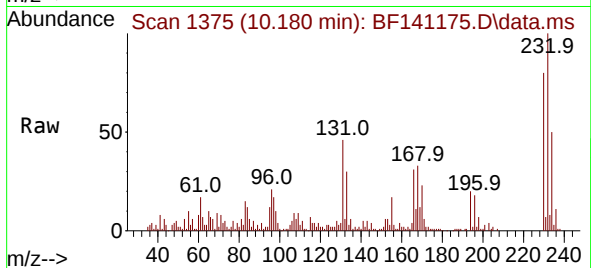
Ion Ratio Lower Upper

232 100

131 45.4 36.2 54.4

130 3.5 2.0 3.0#

166 31.9 24.2 36.4



#60

Diethylphthalate

Concen: 31.282 ng

RT: 10.280 min Scan# 1392

Delta R.T. -0.000 min

Lab File: BF141175.D

Acq: 15 Jan 2025 15:05

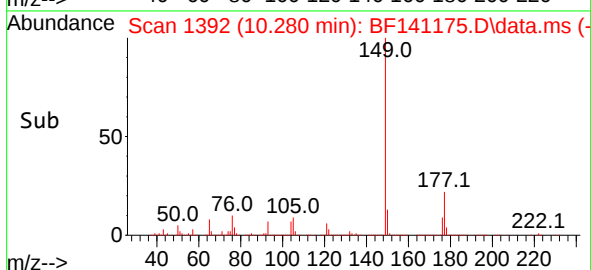
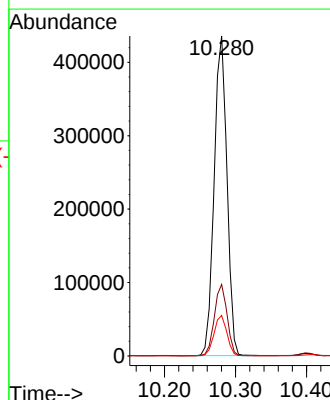
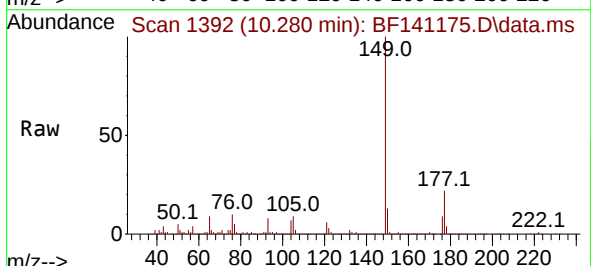
Tgt Ion:149 Resp: 543883

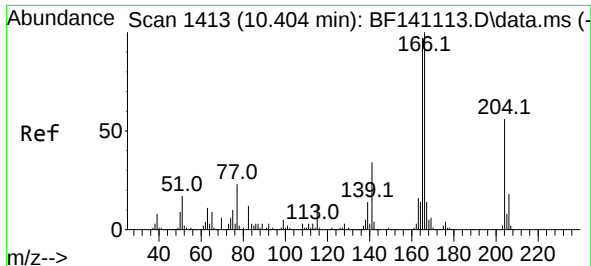
Ion Ratio Lower Upper

149 100

177 22.4 17.9 26.9

150 12.7 10.2 15.2

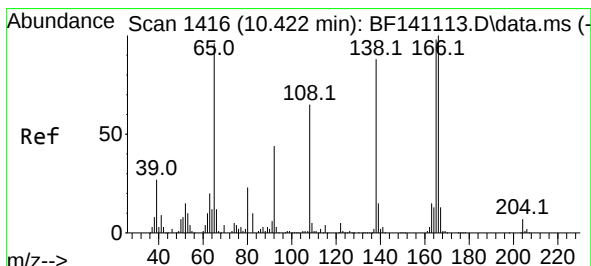
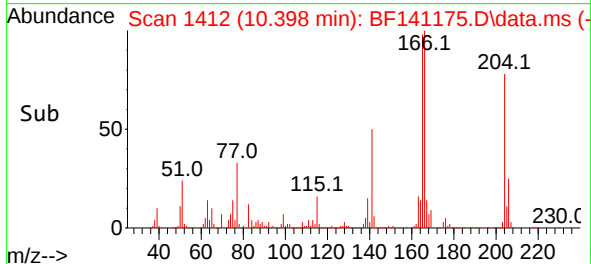
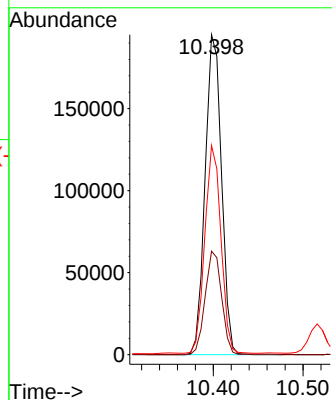
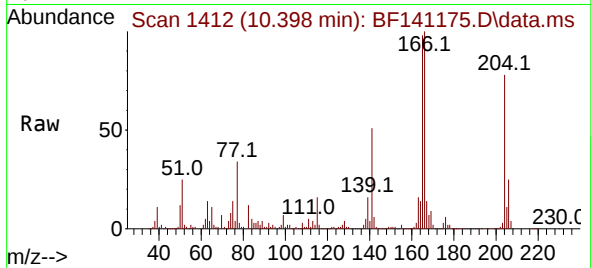




#61
4-Chlorophenyl-phenylether
Concen: 29.974 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

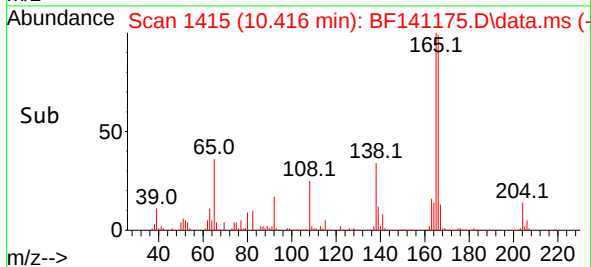
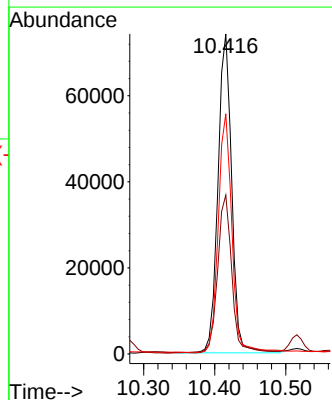
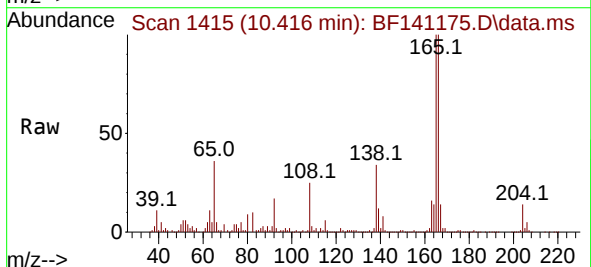
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

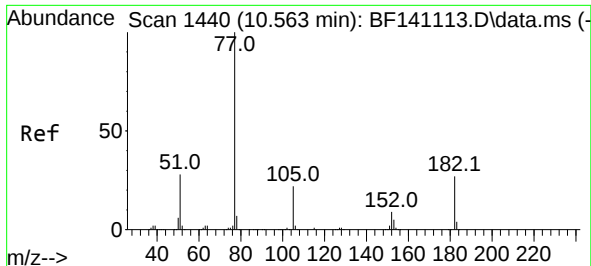
Tgt Ion:204 Resp: 247267
Ion Ratio Lower Upper
204 100
206 32.4 25.9 38.9
141 65.3 49.1 73.7



#62
4-Nitroaniline
Concen: 24.070 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

Tgt Ion:138 Resp: 99151
Ion Ratio Lower Upper
138 100
92 49.6 29.4 69.4
108 75.1 53.7 93.7

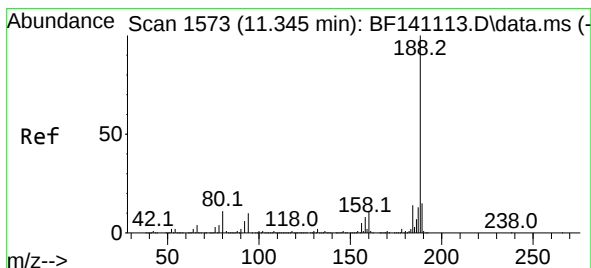
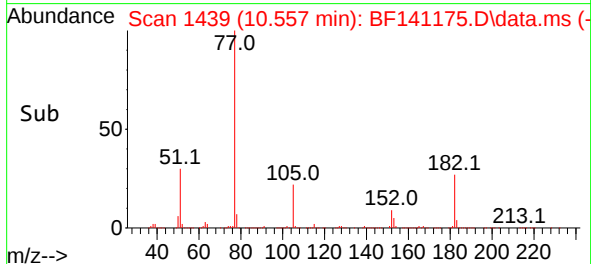
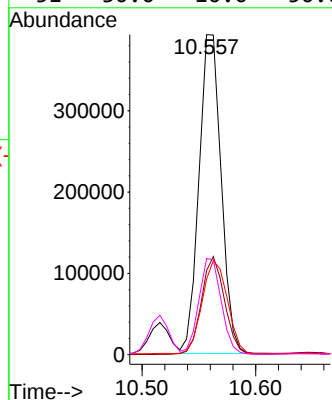
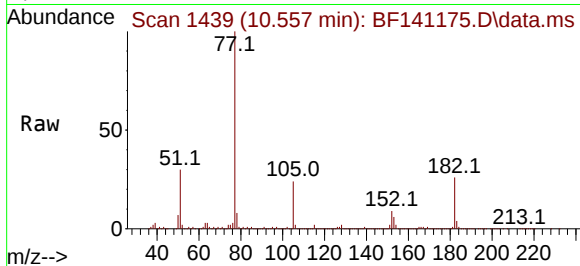




#63
Azobenzene
Concen: 31.058 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

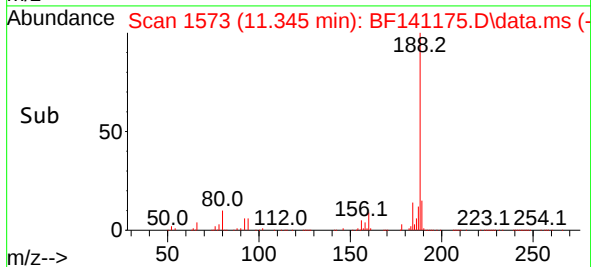
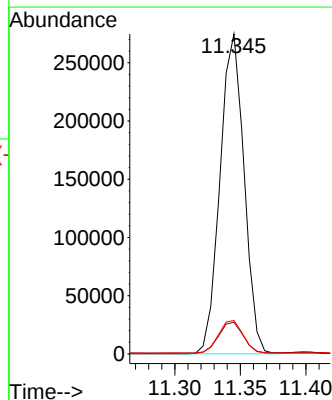
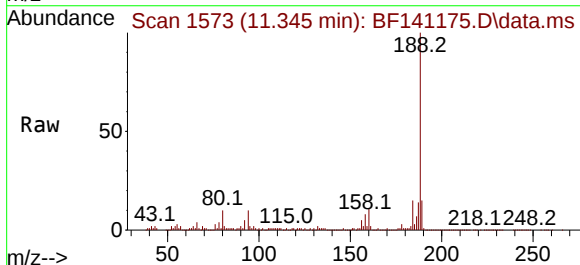
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

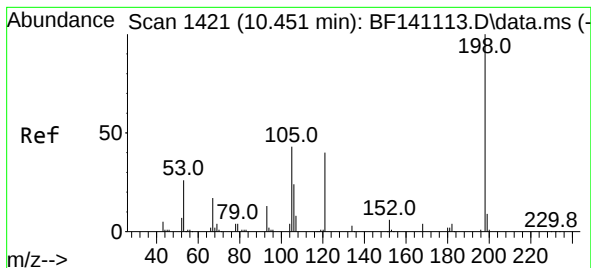
Tgt Ion: 77	Resp: 532827
Ion Ratio	Lower Upper
77 100	
182 26.3	6.1 46.1
105 23.7	2.1 42.1
51 30.0	10.0 50.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

Tgt Ion:188	Resp: 349564
Ion Ratio	Lower Upper
188 100	
94 9.9	8.3 12.5
80 10.5	9.0 13.4

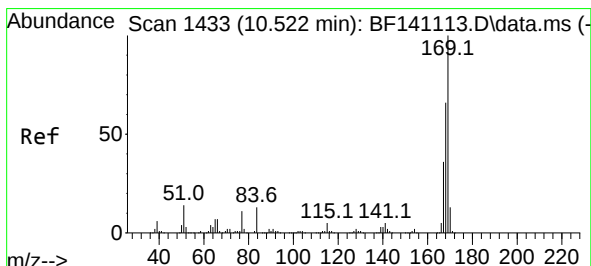
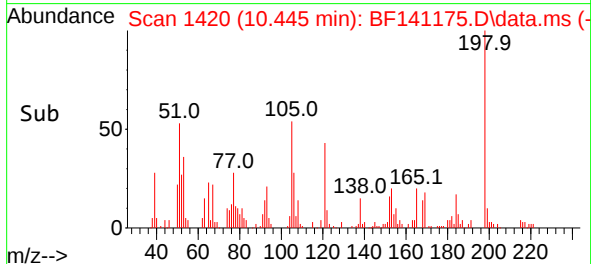
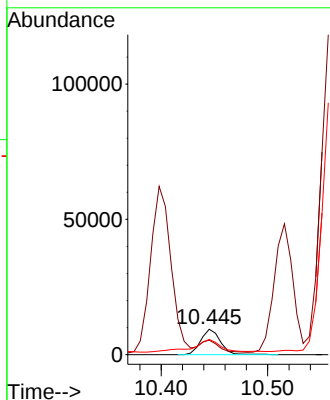
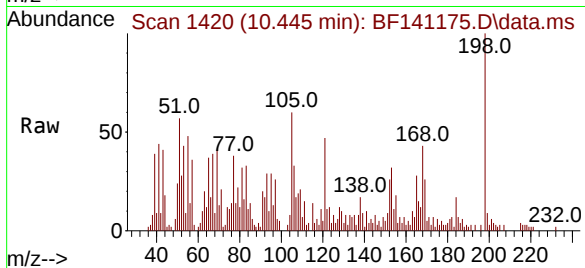




#65
4,6-Dinitro-2-methylphenol
Concen: 5.940 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

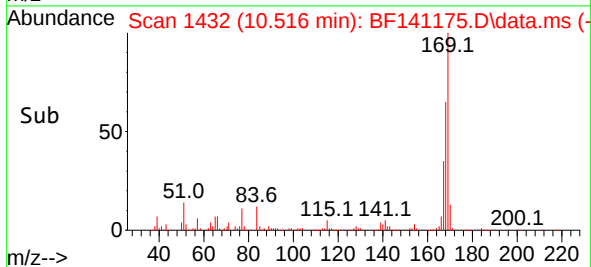
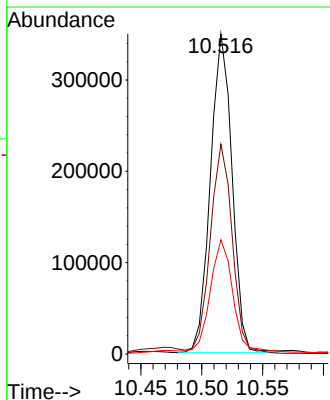
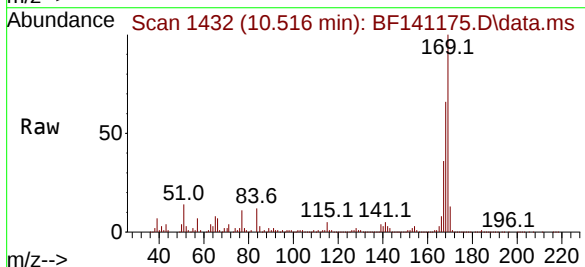
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

Tgt Ion:198 Resp: 12033
Ion Ratio Lower Upper
198 100
51 57.2 27.1 67.1
105 59.8 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 38.243 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

Tgt Ion:169 Resp: 431187
Ion Ratio Lower Upper
169 100
168 65.5 52.5 78.7
167 35.7 28.9 43.3

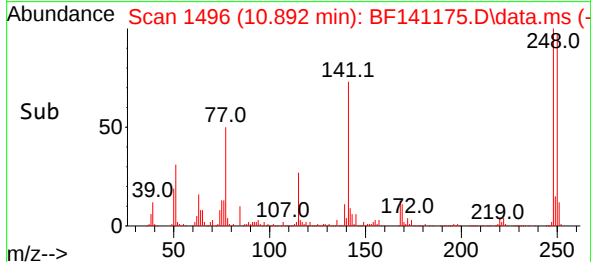
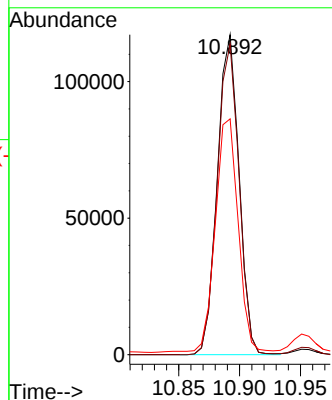
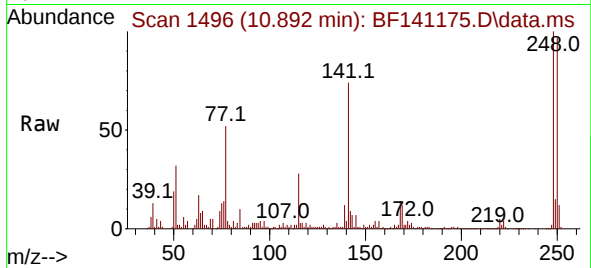




#67
4-Bromophenyl-phenylether
Concen: 36.228 ng
RT: 10.892 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

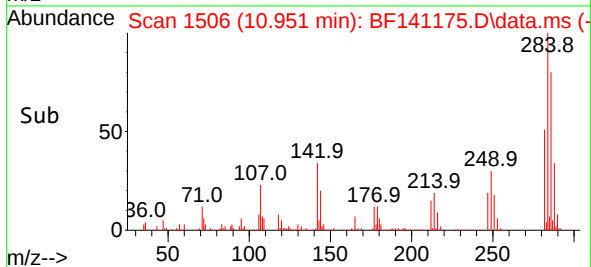
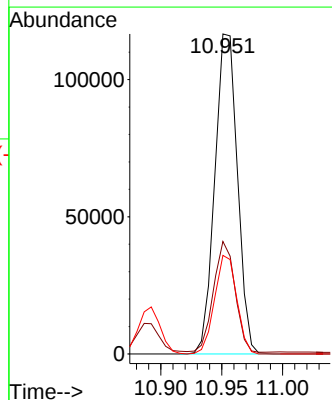
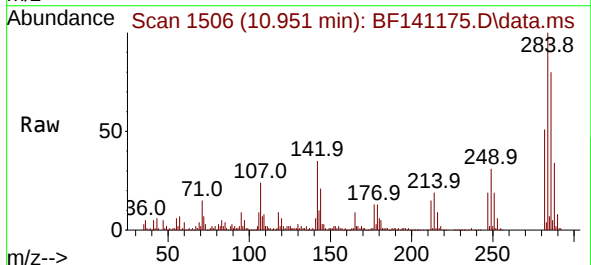
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

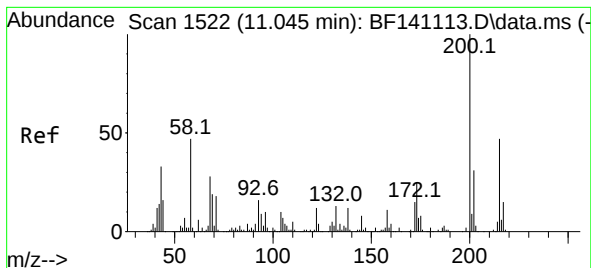
Tgt Ion:248 Resp: 145801
Ion Ratio Lower Upper
248 100
250 97.1 77.9 116.9
141 73.7 59.9 89.9



#68
Hexachlorobenzene
Concen: 33.684 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

Tgt Ion:284 Resp: 150906
Ion Ratio Lower Upper
284 100
142 35.2 26.3 39.5
249 30.8 24.9 37.3





#69

Atrazine

Concen: 44.306 ng

RT: 11.045 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF141175.D

Acq: 15 Jan 2025 15:05

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS

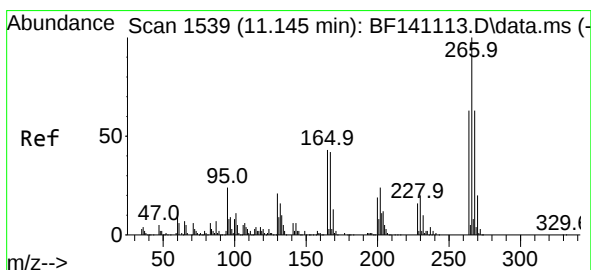
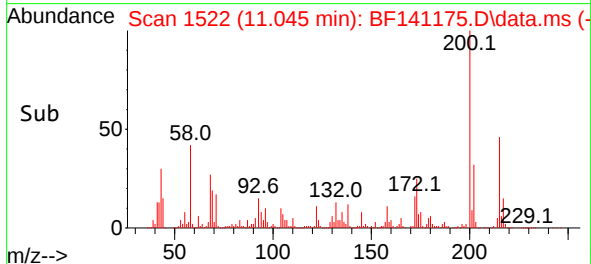
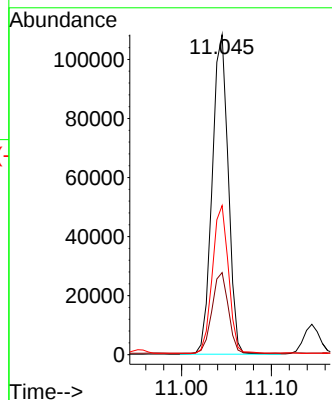
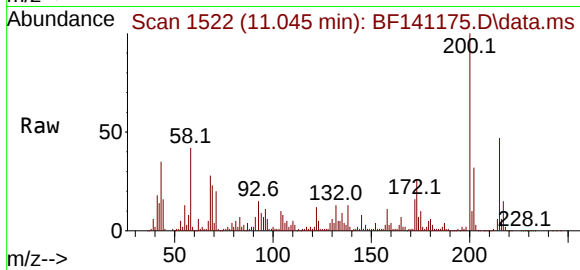
Tgt Ion:200 Resp: 134509

Ion Ratio Lower Upper

200 100

173 25.6 5.4 45.4

215 46.6 26.6 66.6



#70

Pentachlorophenol

Concen: 23.886 ng

RT: 11.145 min Scan# 1539

Delta R.T. -0.000 min

Lab File: BF141175.D

Acq: 15 Jan 2025 15:05

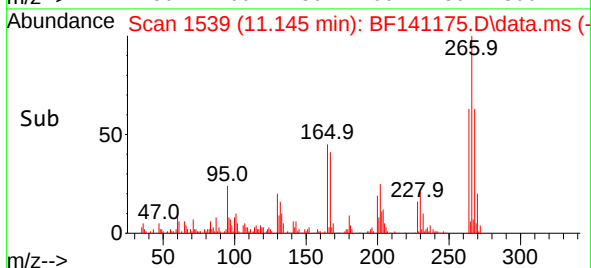
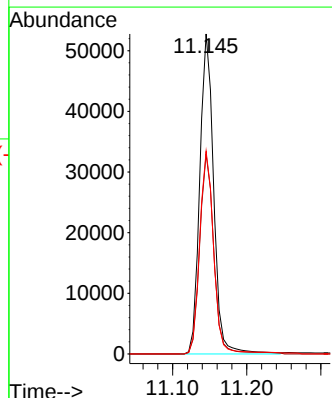
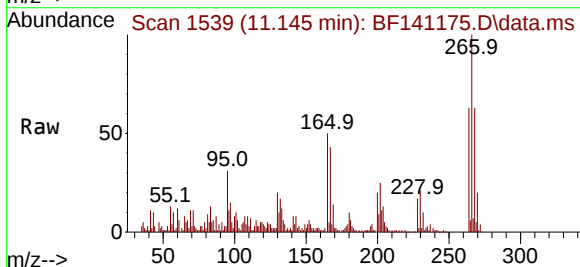
Tgt Ion:266 Resp: 68531

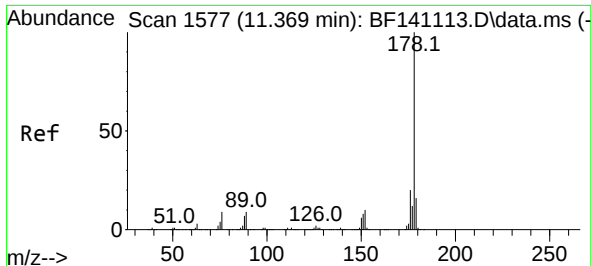
Ion Ratio Lower Upper

266 100

268 62.5 50.4 75.6

264 63.3 50.2 75.2

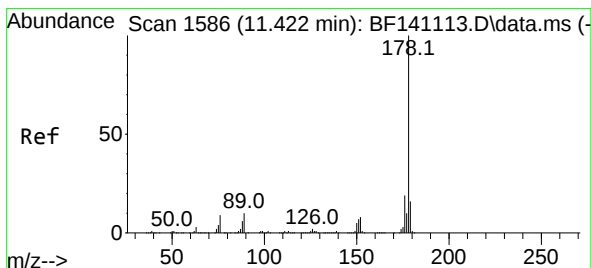
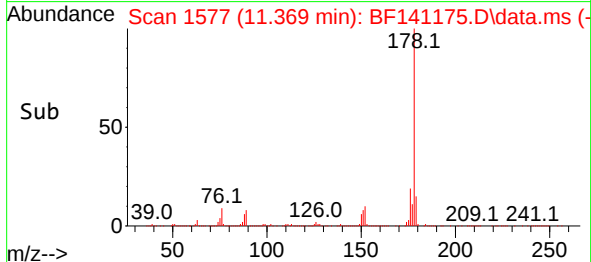
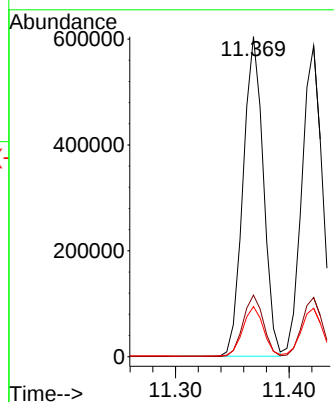
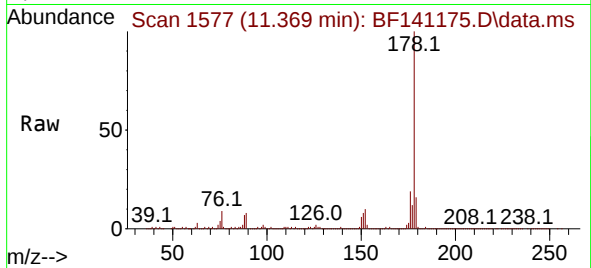




#71
Phenanthrene
Concen: 39.764 ng
RT: 11.369 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

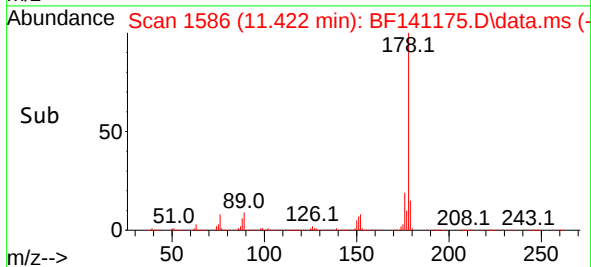
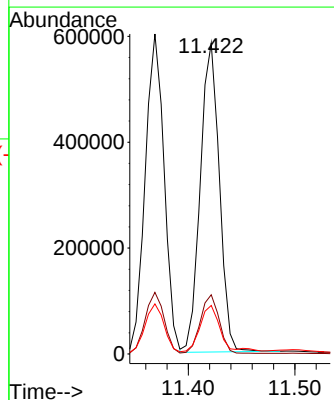
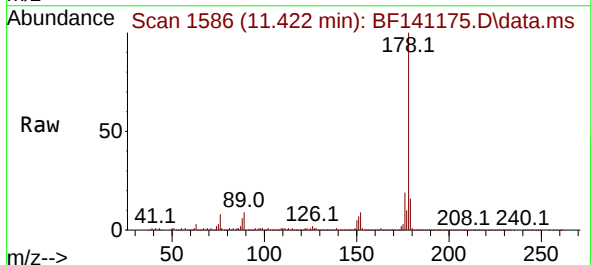
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

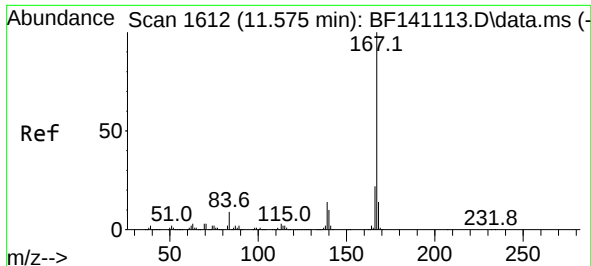
Tgt Ion:178 Resp: 746258
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 15.7 12.6 19.0



#72
Anthracene
Concen: 39.875 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

Tgt Ion:178 Resp: 727636
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 15.6 12.6 19.0

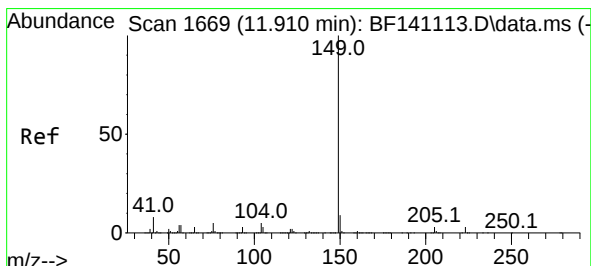
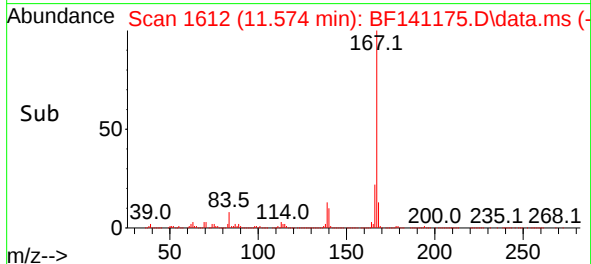
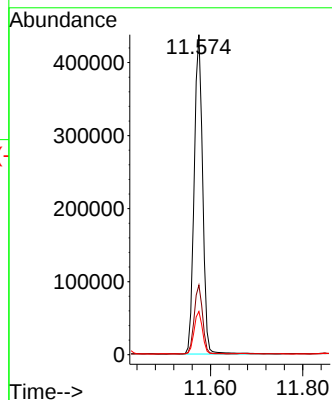
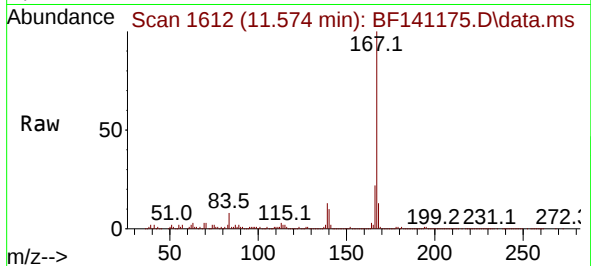




#73
 Carbazole
 Concen: 33.223 ng
 RT: 11.574 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BF141175.D
 Acq: 15 Jan 2025 15:05

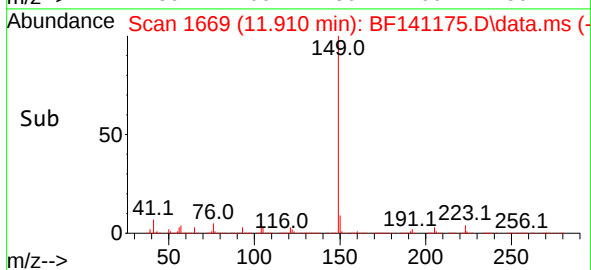
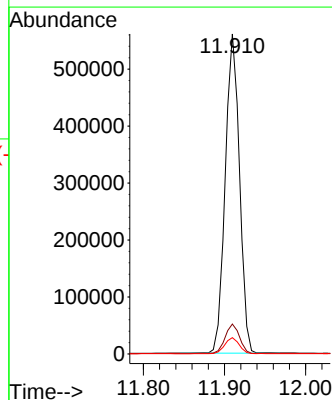
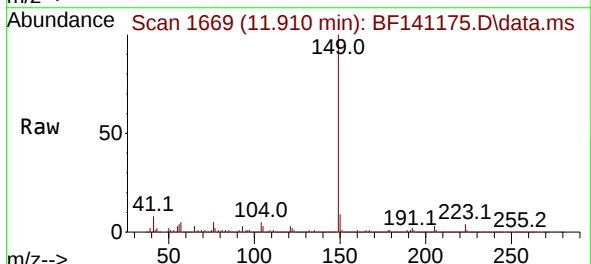
Instrument :
 BNA_F
 ClientSampleId :
 TR-06-1-10-2025MS

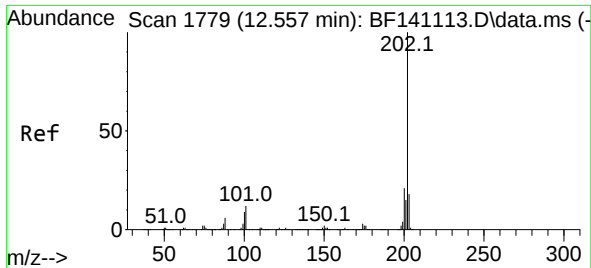
Tgt Ion:167 Resp: 555900
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.2
 139 13.5 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 35.764 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. -0.000 min
 Lab File: BF141175.D
 Acq: 15 Jan 2025 15:05

Tgt Ion:149 Resp: 684830
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.1 4.2 6.2

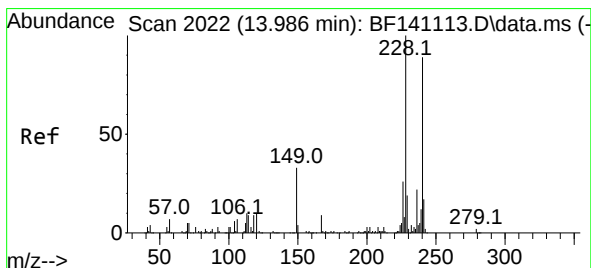
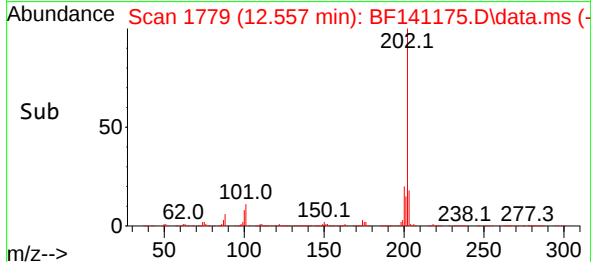
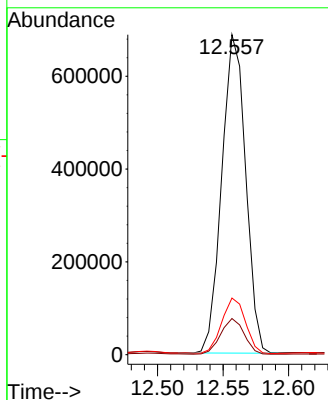
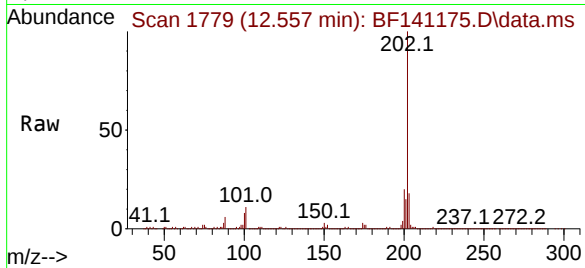




#75
Fluoranthene
Concen: 46.347 ng
RT: 12.557 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

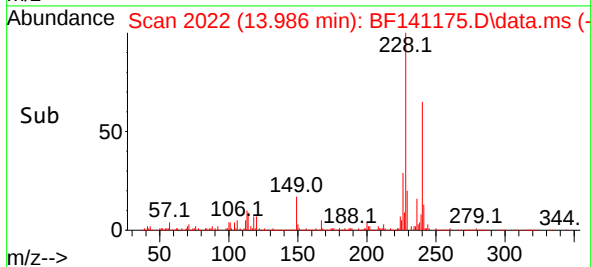
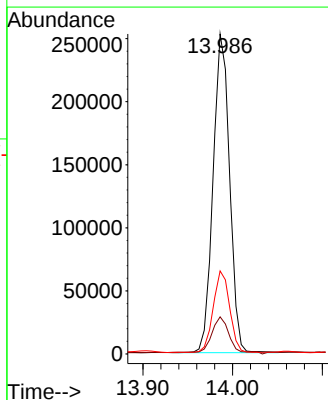
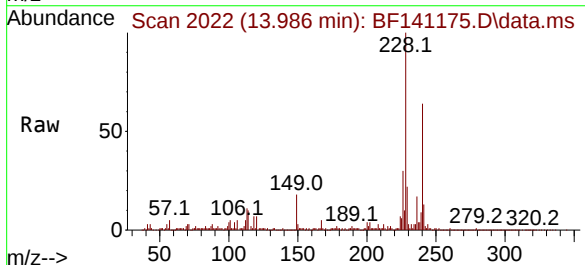
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

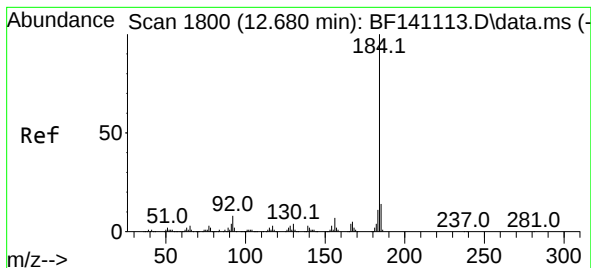
Tgt Ion:202 Resp: 867978
Ion Ratio Lower Upper
202 100
101 11.3 0.0 32.3
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

Tgt Ion:240 Resp: 322664
Ion Ratio Lower Upper
240 100
120 11.6 9.1 13.7
236 25.9 19.8 29.6





#77

Benzidine

Concen: 16.445 ng

RT: 12.680 min Scan# 1800

Delta R.T. -0.000 min

Lab File: BF141175.D

Acq: 15 Jan 2025 15:05

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS

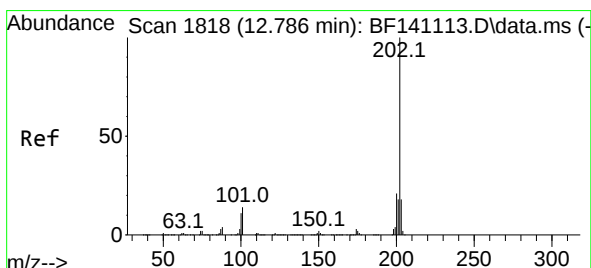
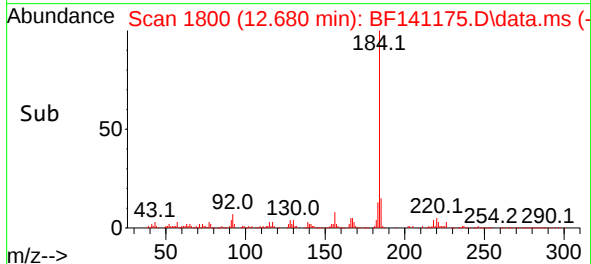
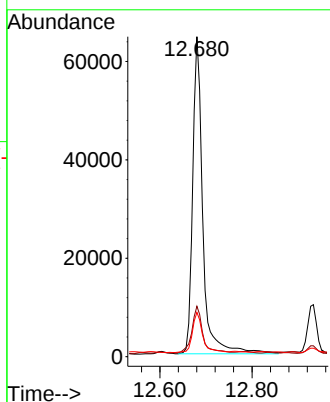
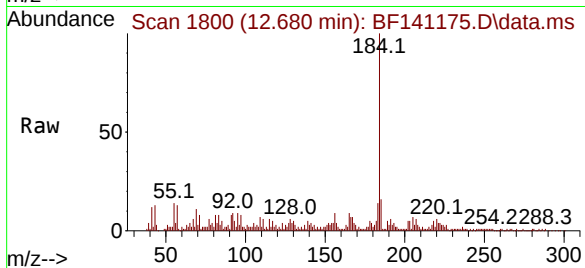
Tgt Ion:184 Resp: 98399

Ion Ratio Lower Upper

184 100

185 15.7 11.4 17.0

183 13.8 9.2 13.8#



#78

Pyrene

Concen: 33.875 ng

RT: 12.786 min Scan# 1818

Delta R.T. -0.000 min

Lab File: BF141175.D

Acq: 15 Jan 2025 15:05

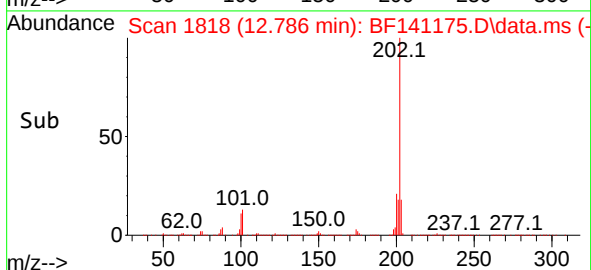
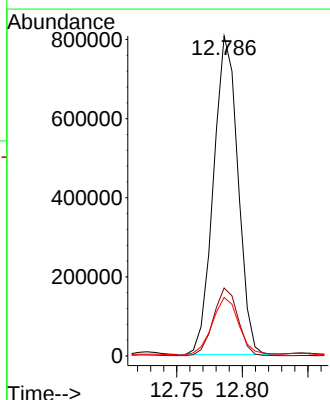
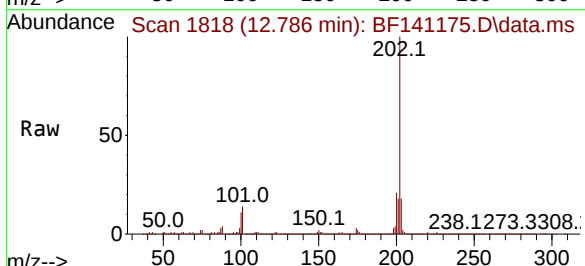
Tgt Ion:202 Resp: 1043972

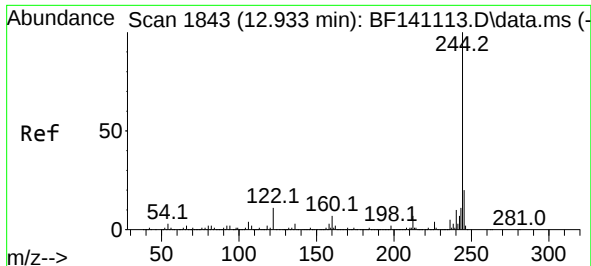
Ion Ratio Lower Upper

202 100

200 21.3 16.8 25.2

203 18.3 14.3 21.5

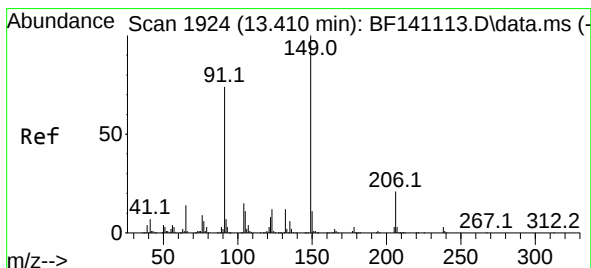
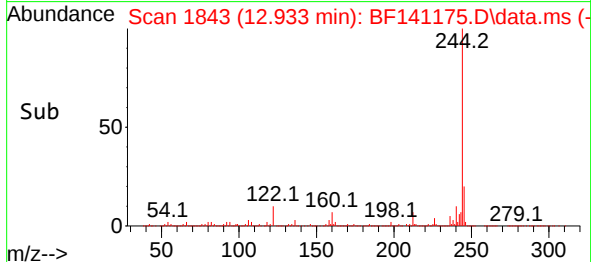
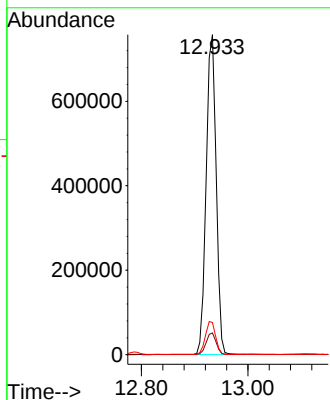
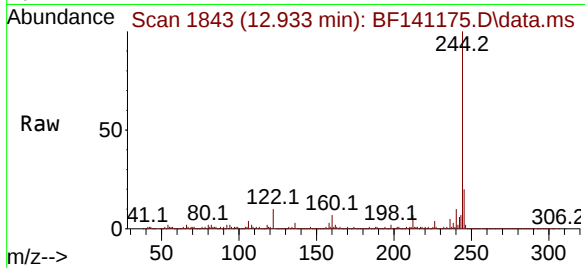




#79
 Terphenyl-d14
 Concen: 45.364 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF141175.D
 Acq: 15 Jan 2025 15:05

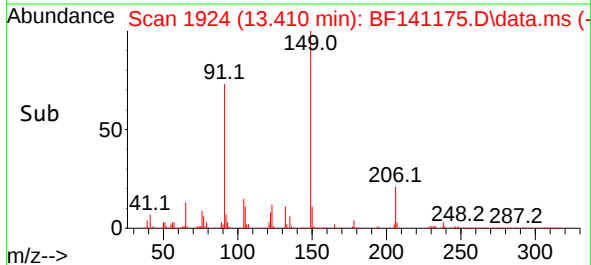
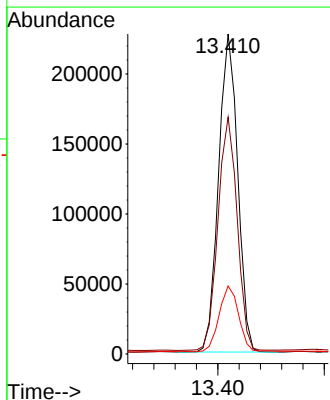
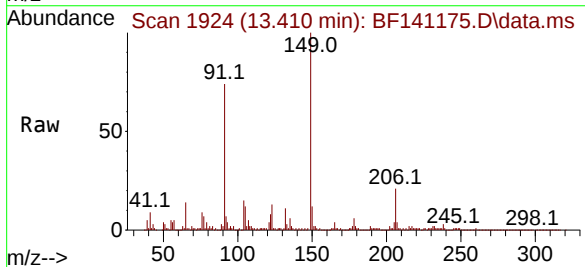
Instrument :
 BNA_F
 ClientSampleId :
 TR-06-1-10-2025MS

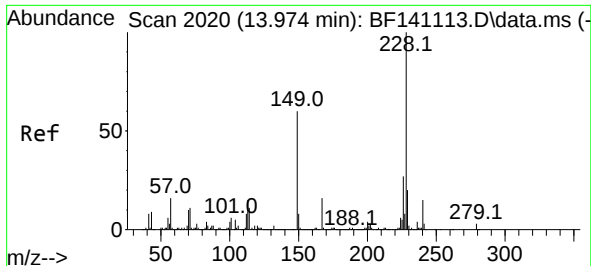
Tgt Ion:244 Resp: 984818
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.0 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 27.525 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: BF141175.D
 Acq: 15 Jan 2025 15:05

Tgt Ion:149 Resp: 282822
 Ion Ratio Lower Upper
 149 100
 91 74.0 59.0 88.6
 206 21.2 16.5 24.7





#81

Benzo(a)anthracene

Concen: 41.633 ng

RT: 13.980 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF141175.D

Acq: 15 Jan 2025 15:05

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS

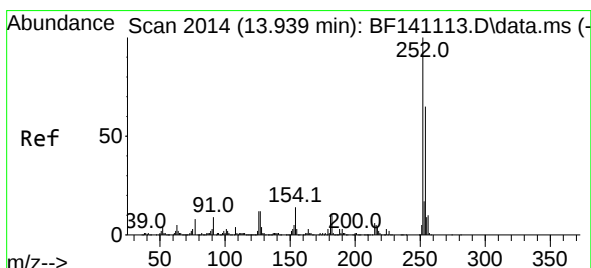
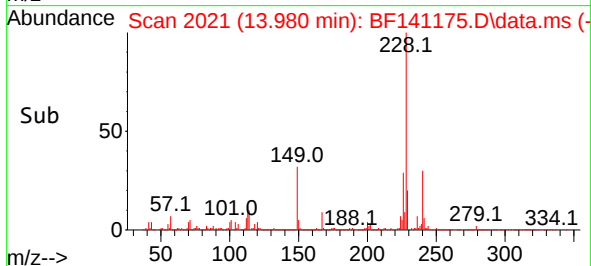
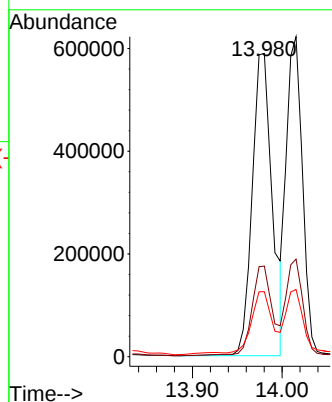
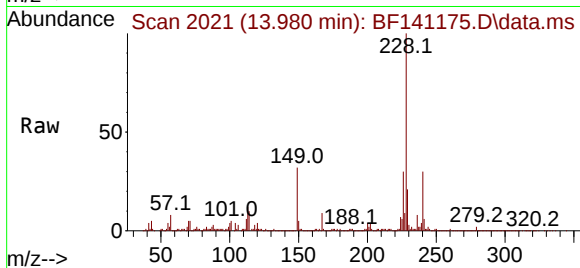
Tgt Ion:228 Resp: 914236

Ion Ratio Lower Upper

228 100

226 29.9 21.7 32.5

229 21.4 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 20.276 ng

RT: 13.939 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF141175.D

Acq: 15 Jan 2025 15:05

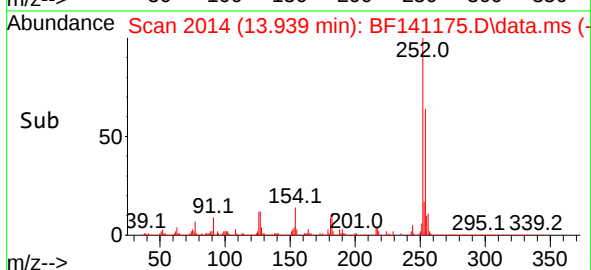
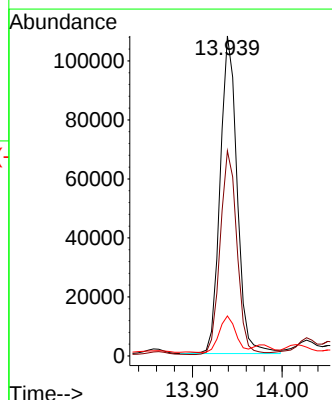
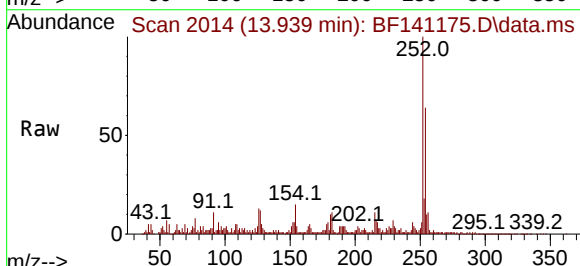
Tgt Ion:252 Resp: 141773

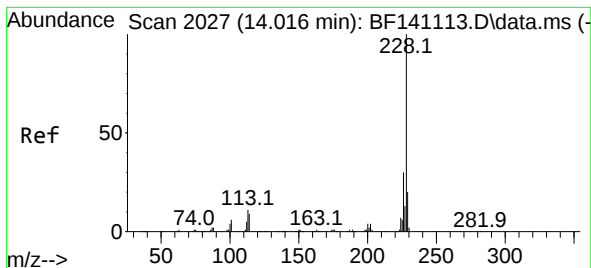
Ion Ratio Lower Upper

252 100

254 64.1 52.0 78.0

126 12.5 9.4 14.0





#83

Chrysene

Concen: 37.566 ng

RT: 14.015 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF141175.D

Acq: 15 Jan 2025 15:05

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS

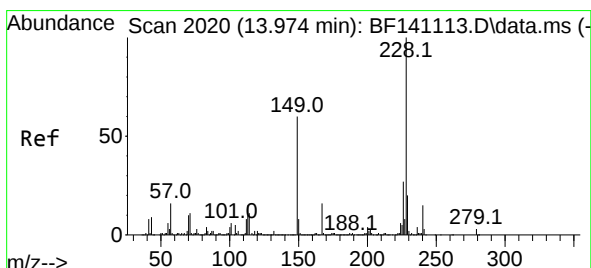
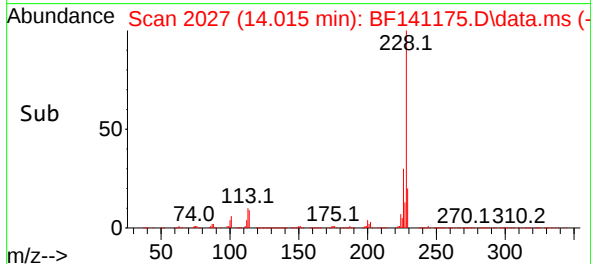
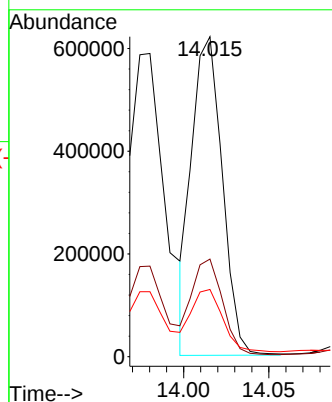
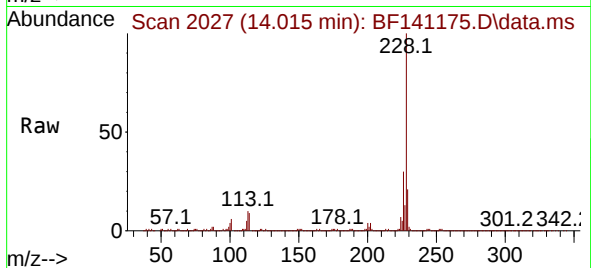
Tgt Ion:228 Resp: 771864

Ion Ratio Lower Upper

228 100

226 30.5 23.8 35.8

229 21.0 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 31.980 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF141175.D

Acq: 15 Jan 2025 15:05

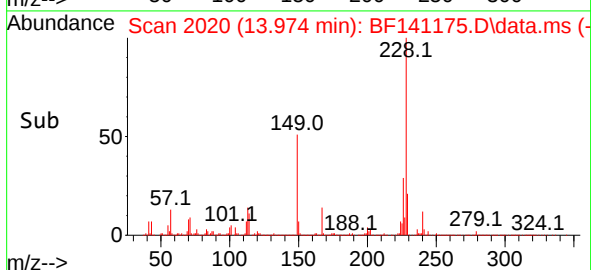
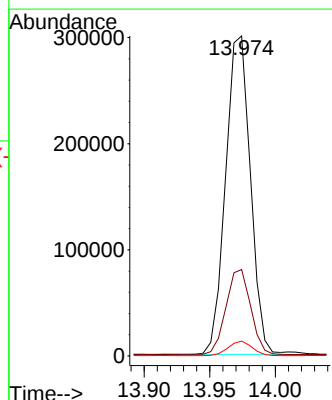
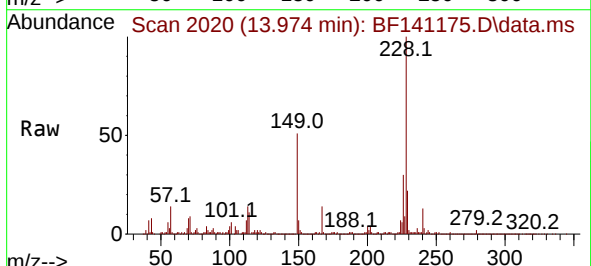
Tgt Ion:149 Resp: 394268

Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.2

279 4.6 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 38.895 ng

RT: 14.586 min Scan# 2124

Delta R.T. -0.000 min

Lab File: BF141175.D

Acq: 15 Jan 2025 15:05

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS

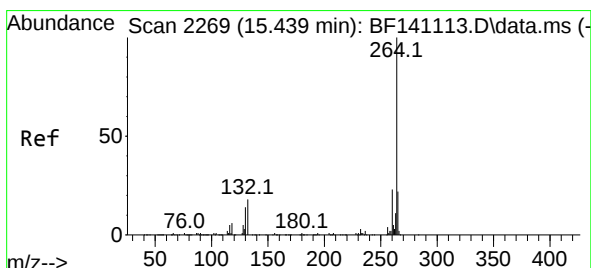
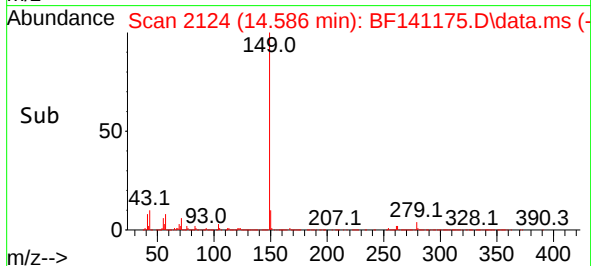
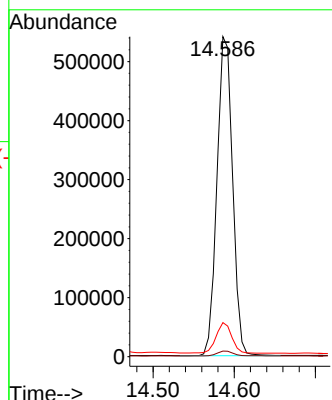
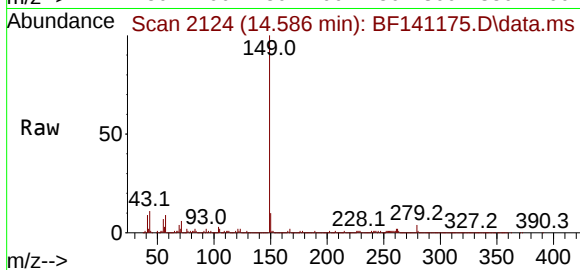
Tgt Ion:149 Resp: 724119

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.6 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.012 min

Lab File: BF141175.D

Acq: 15 Jan 2025 15:05

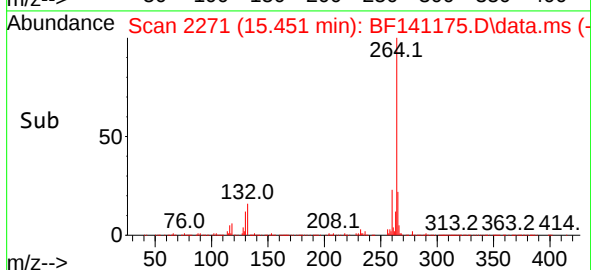
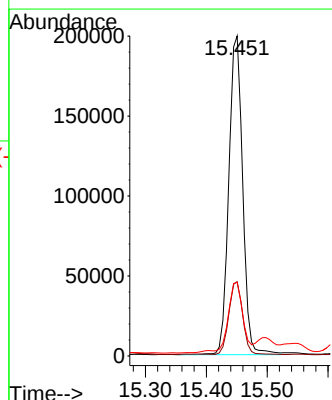
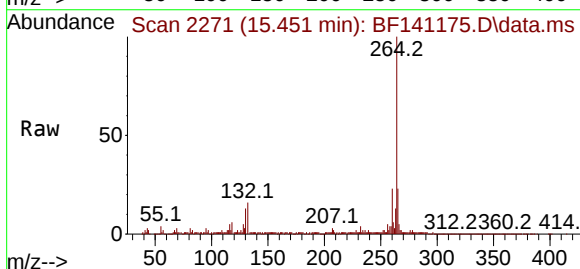
Tgt Ion:264 Resp: 314686

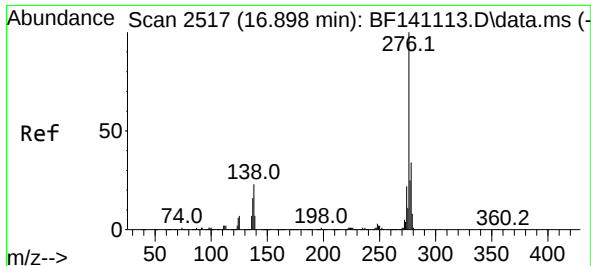
Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 23.0 17.4 26.0

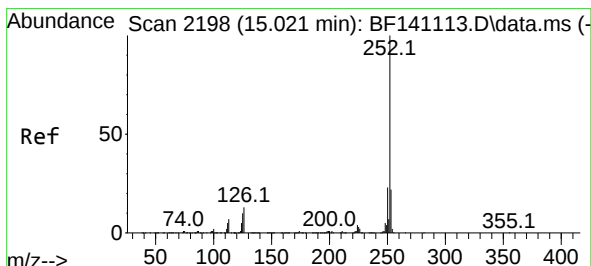
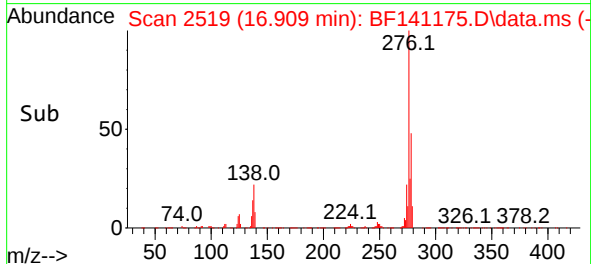
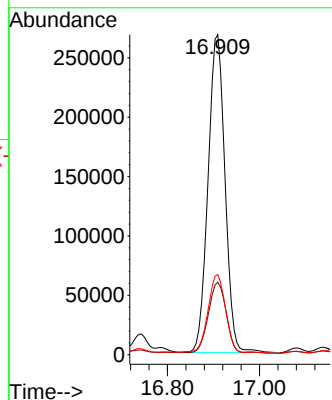
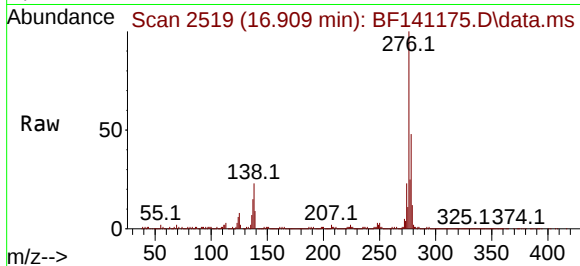




#87
Indeno(1,2,3-cd)pyrene
Concen: 29.752 ng
RT: 16.909 min Scan# 2119
Delta R.T. 0.012 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

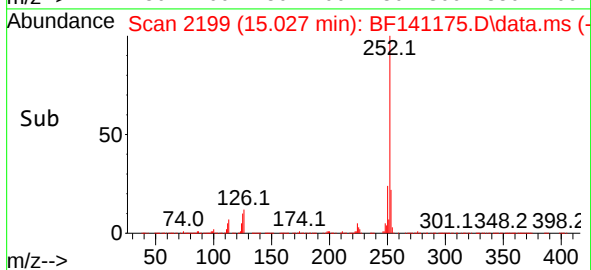
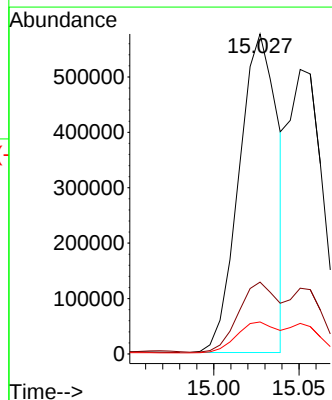
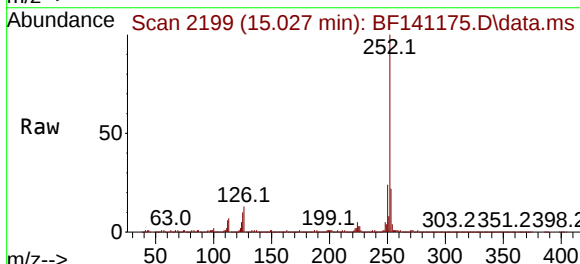
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

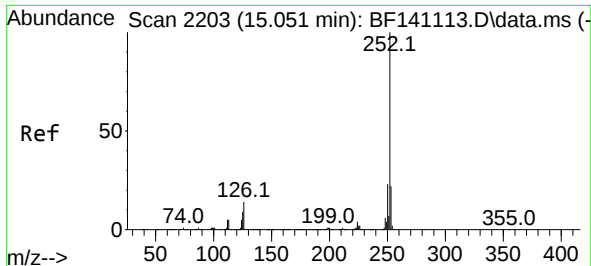
Tgt Ion:276 Resp: 685937
Ion Ratio Lower Upper
276 100
138 22.9 20.7 31.1
277 25.1 20.6 30.8



#88
Benzo(b)fluoranthene
Concen: 44.658 ng
RT: 15.027 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

Tgt Ion:252 Resp: 906206
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 10.0 8.1 12.1

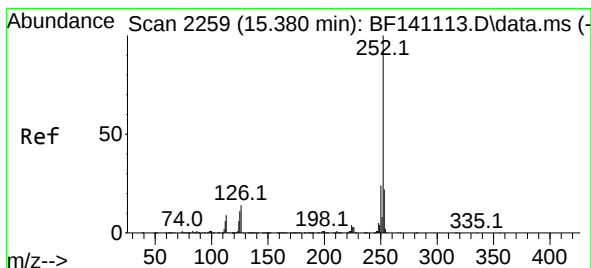
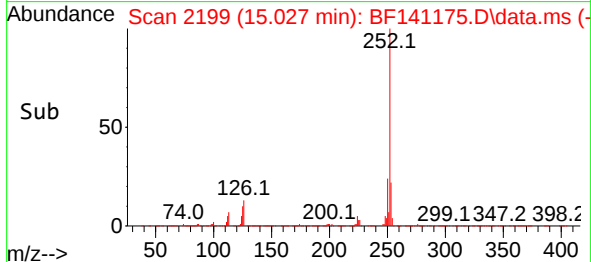
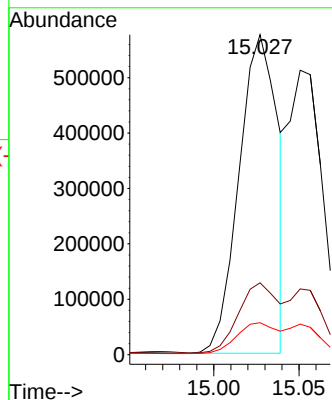
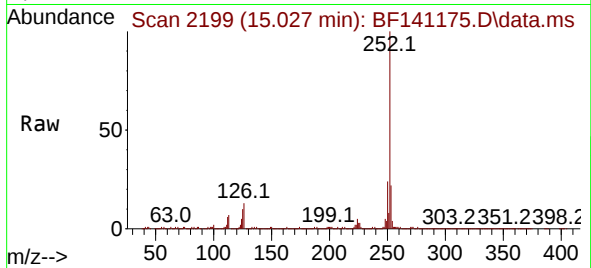




#89
Benzo(k)fluoranthene
Concen: 52.845 ng
RT: 15.027 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

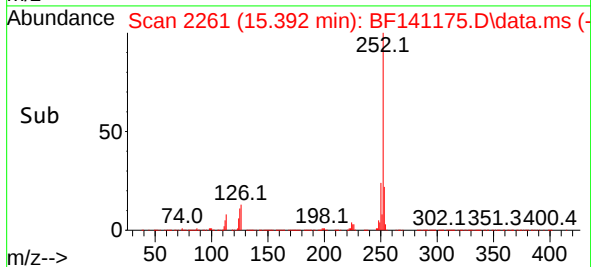
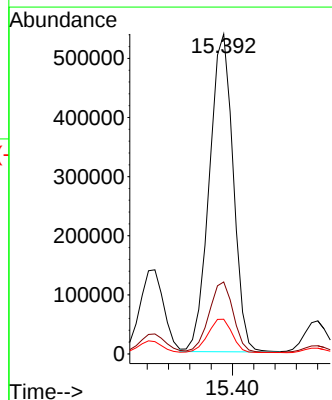
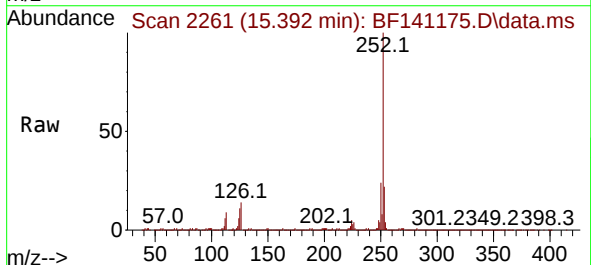
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

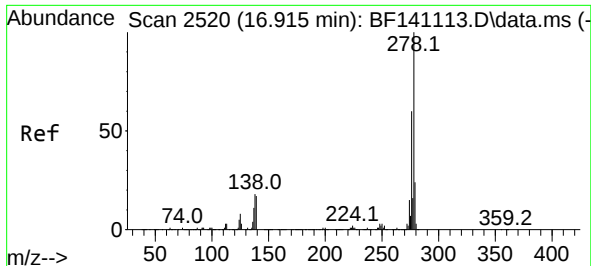
Tgt Ion:252 Resp: 906206
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 10.0 7.9 11.9



#90
Benzo(a)pyrene
Concen: 49.865 ng
RT: 15.392 min Scan# 2261
Delta R.T. 0.012 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

Tgt Ion:252 Resp: 834847
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 10.8 9.1 13.7

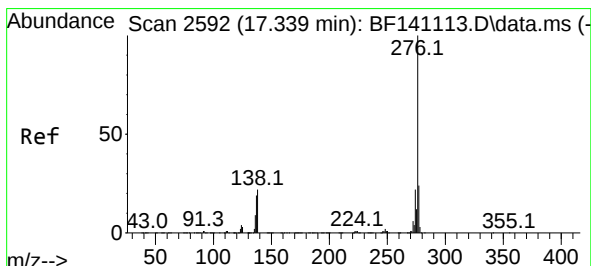
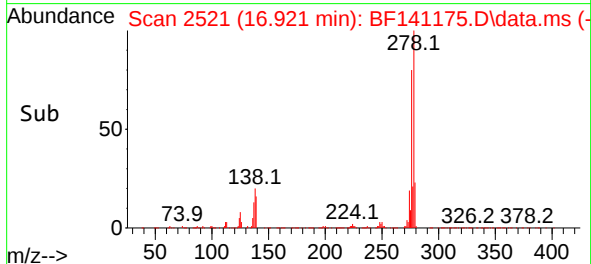
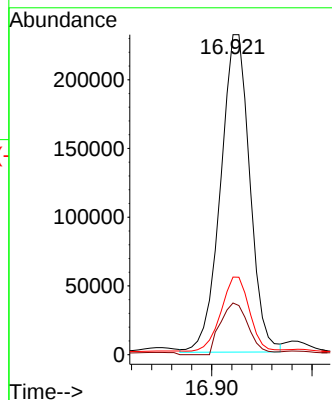
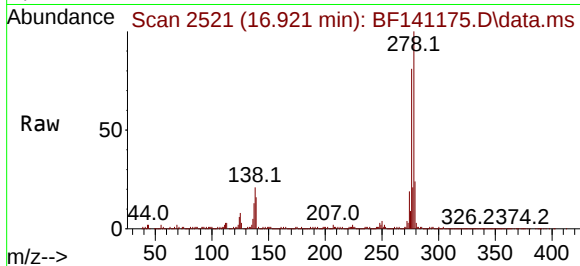




#91
Dibenzo(a,h)anthracene
Concen: 25.100 ng
RT: 16.921 min Scan# 2521
Delta R.T. 0.006 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

Tgt Ion:278 Resp: 468043
Ion Ratio Lower Upper
278 100
139 16.1 13.8 20.6
279 24.2 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 31.124 ng
RT: 17.351 min Scan# 2594
Delta R.T. 0.012 min
Lab File: BF141175.D
Acq: 15 Jan 2025 15:05

Tgt Ion:276 Resp: 603676
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 19.8 17.4 26.2

