

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011525\
 Data File : BF141177.D
 Acq On : 15 Jan 2025 17:10
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jan 15 17:35:20 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	155483	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	596867	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	306781	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	475484	20.000	ng	0.00
76) Chrysene-d12	13.986	240	274637	20.000	ng	0.00
86) Perylene-d12	15.457	264	314579	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	762731	75.781	ng	0.00
7) Phenol-d6	6.451	99	945090	74.129	ng	0.00
23) Nitrobenzene-d5	7.387	82	869674	77.237	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	273830	78.336	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1567171	78.008	ng	0.00
79) Terphenyl-d14	12.933	244	1356978	73.438	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.528	88	158233	35.304	ng	99
3) Pyridine	3.269	79	392798	35.738	ng	98
4) n-Nitrosodimethylamine	3.216	42	193619	36.028	ng	99
6) Aniline	6.487	93	397866	35.149	ng	99
8) 2-Chlorophenol	6.604	128	412894	38.237	ng	99
9) Benzaldehyde	6.375	77	279148	37.175	ng	97
10) Phenol	6.463	94	503433	36.888	ng	99
11) bis(2-Chloroethyl)ether	6.557	93	384104	37.765	ng	98
12) 1,3-Dichlorobenzene	6.763	146	463888	38.517	ng	99
13) 1,4-Dichlorobenzene	6.840	146	463443	38.186	ng	99
14) 1,2-Dichlorobenzene	6.993	146	433703	38.310	ng	98
15) Benzyl Alcohol	6.963	79	353797	38.426	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	515552	36.324	ng	98
17) 2-Methylphenol	7.075	107	328264	37.654	ng	100
18) Hexachloroethane	7.334	117	170928	38.946	ng	99
19) n-Nitroso-di-n-propyla...	7.234	70	278516	37.085	ng	99
20) 3+4-Methylphenols	7.228	107	411727	37.434	ng	# 85
22) Acetophenone	7.234	105	533290	37.585	ng	98
24) Nitrobenzene	7.404	77	448135	38.187	ng	100
25) Isophorone	7.645	82	723242	37.586	ng	99
26) 2-Nitrophenol	7.722	139	216906	40.633	ng	97
27) 2,4-Dimethylphenol	7.757	122	271568	37.716	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	457717	37.902	ng	100
29) 2,4-Dichlorophenol	7.963	162	333142	38.956	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	381430	39.022	ng	100
31) Naphthalene	8.128	128	1198220	38.067	ng	100
32) Benzoic acid	7.863	122	280944	40.674	ng	98
33) 4-Chloroaniline	8.175	127	373182	34.282	ng	99
34) Hexachlorobutadiene	8.245	225	237661	40.351	ng	99
35) Caprolactam	8.545	113	101897	36.395	ng	98
36) 4-Chloro-3-methylphenol	8.651	107	353744	37.823	ng	98
37) 2-Methylnaphthalene	8.816	142	766427	38.211	ng	100
38) 1-Methylnaphthalene	8.916	142	740167	37.443	ng	99
40) 1,2,4,5-Tetrachloroben...	8.987	216	355979	40.428	ng	99
41) Hexachlorocyclopentadiene	8.969	237	127706	44.331	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	240779	40.545	ng	99

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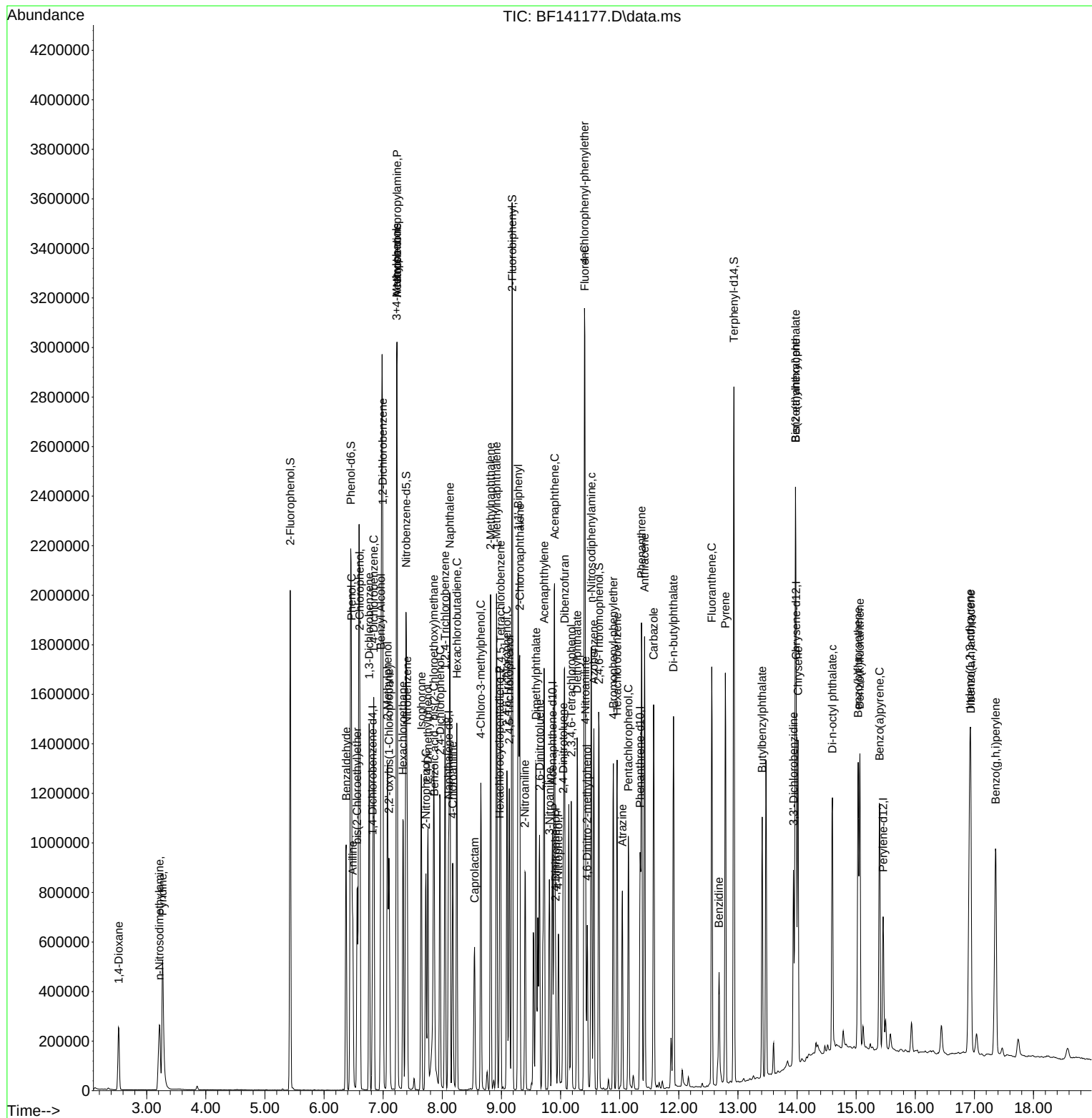
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	238958	38.100	ng	99
46) 1,1'-Biphenyl	9.281	154	928568	38.975	ng	100
47) 2-Chloronaphthalene	9.310	162	718713	38.731	ng	99
48) 2-Nitroaniline	9.398	65	209535	38.092	ng	97
49) Acenaphthylene	9.722	152	1008177	38.028	ng	100
50) Dimethylphthalate	9.586	163	788370	38.279	ng	99
51) 2,6-Dinitrotoluene	9.645	165	184885	38.603	ng	98
52) Acenaphthene	9.898	154	719005	38.818	ng	99
53) 3-Nitroaniline	9.810	138	184415	37.891	ng	99
54) 2,4-Dinitrophenol	9.916	184	94494	41.509	ng	88
55) Dibenzofuran	10.069	168	952828	37.820	ng	100
56) 4-Nitrophenol	9.963	139	142248	37.319	ng	96
57) 2,4-Dinitrotoluene	10.045	165	239012	38.724	ng	99
58) Fluorene	10.410	166	736330	37.619	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	193373	37.093	ng	97
60) Diethylphthalate	10.281	149	762235	37.910	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	368642	38.643	ng	99
62) 4-Nitroaniline	10.422	138	174083	36.544	ng	98
63) Azobenzene	10.563	77	730307	36.811	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	124375	45.140	ng	100
66) n-Nitrosodiphenylamine	10.522	169	627905	40.942	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	230138	42.040	ng	99
68) Hexachlorobenzene	10.957	284	252658	41.461	ng	99
69) Atrazine	11.045	200	133894	32.424	ng	99
70) Pentachlorophenol	11.145	266	162667	41.683	ng	98
71) Phenanthrene	11.369	178	1009123	39.531	ng	99
72) Anthracene	11.422	178	986753	39.754	ng	100
73) Carbazole	11.575	167	884138	38.847	ng	100
74) Di-n-butylphthalate	11.910	149	1049973	40.312	ng	100
75) Fluoranthene	12.557	202	955547	37.511	ng	99
77) Benzidine	12.680	184	250742	49.233	ng	99
78) Pyrene	12.786	202	942221	35.920	ng	100
80) Butylbenzylphthalate	13.410	149	330866	37.832	ng	97
81) Benzo(a)anthracene	13.974	228	703511	37.640	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	239857	40.302	ng	99
83) Chrysene	14.016	228	626608	35.829	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	412028	39.265	ng	100
85) Di-n-octyl phthalate	14.598	149	677367	42.747	ng	99
87) Indeno(1,2,3-cd)pyrene	16.921	276	941894	40.868	ng	98
88) Benzo(b)fluoranthene	15.033	252	713140	35.156	ng	99
89) Benzo(k)fluoranthene	15.063	252	671197	39.154	ng	100
90) Benzo(a)pyrene	15.398	252	639515	38.211	ng	99
91) Dibenzo(a,h)anthracene	16.939	278	768910	41.249	ng	97
92) Benzo(g,h,i)perylene	17.357	276	802295	41.379	ng	99

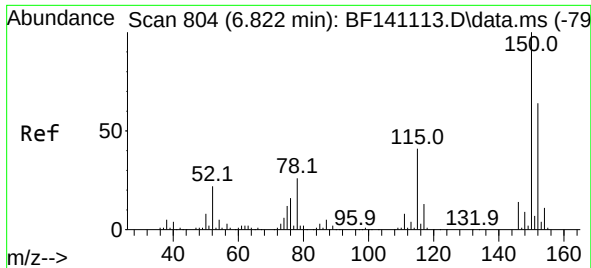
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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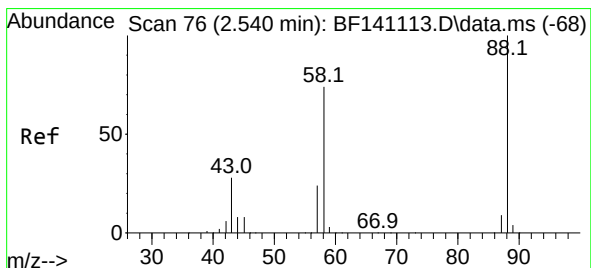
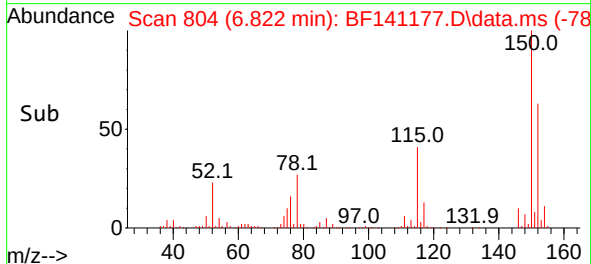
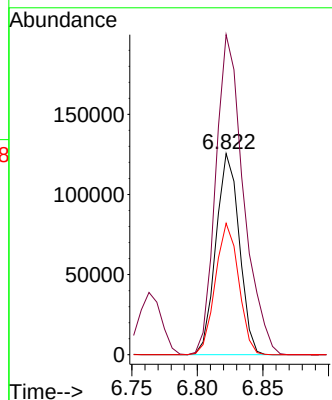
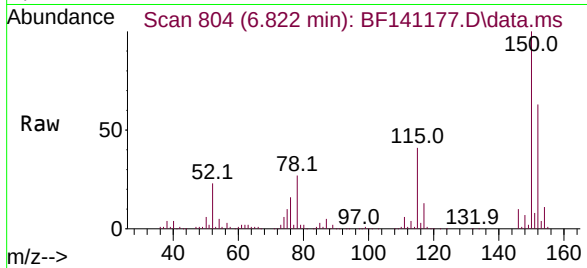




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141177.D
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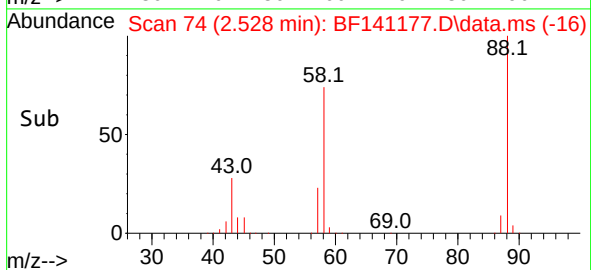
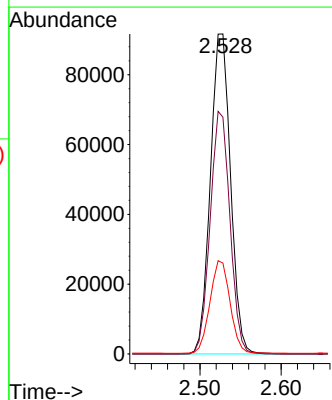
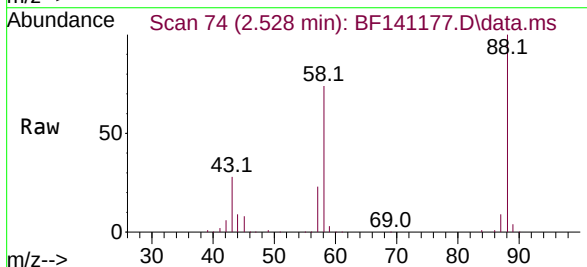
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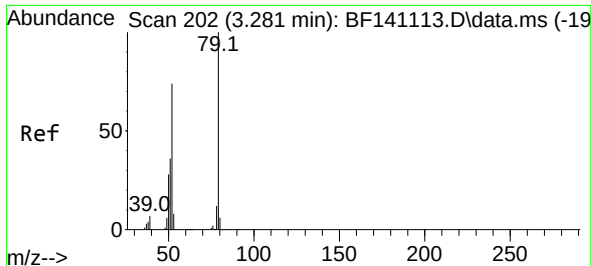
Tgt Ion:152 Resp: 155483
 Ion Ratio Lower Upper
 152 100
 150 159.1 125.8 188.8
 115 65.3 51.4 77.2



#2
 1,4-Dioxane
 Concen: 35.304 ng
 RT: 2.528 min Scan# 74
 Delta R.T. -0.012 min
 Lab File: BF141177.D
 Acq: 15 Jan 2025 17:10

Tgt Ion: 88 Resp: 158233
 Ion Ratio Lower Upper
 88 100
 58 74.3 60.1 90.1
 43 28.9 23.1 34.7

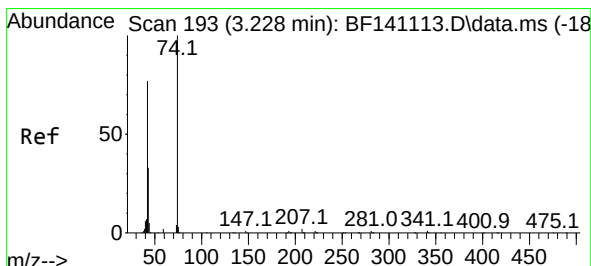
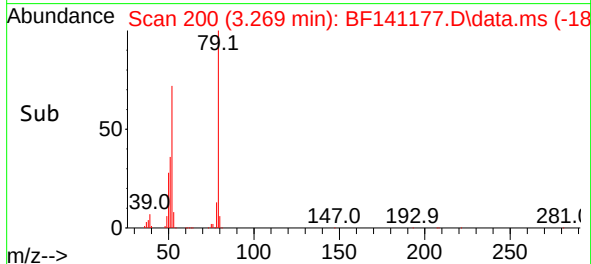
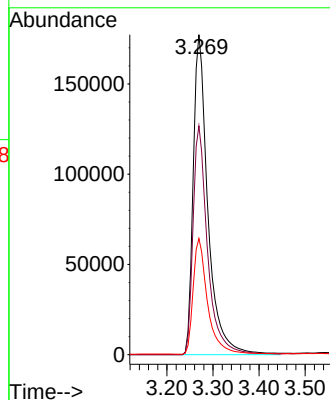
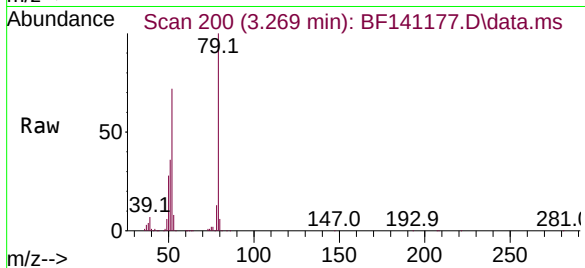




#3
Pyridine
Concen: 35.738 ng
RT: 3.269 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

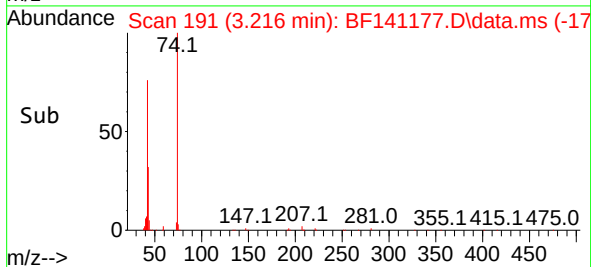
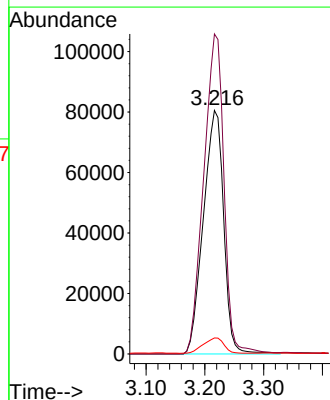
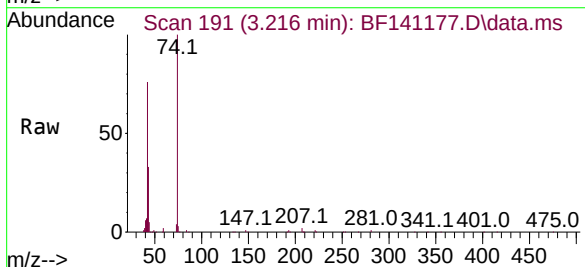
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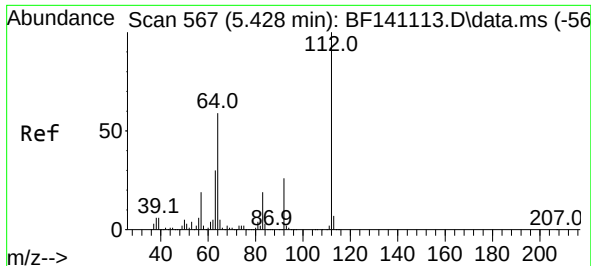
Tgt Ion: 79 Resp: 392798
Ion Ratio Lower Upper
79 100
52 71.5 58.9 88.3
51 36.3 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 36.028 ng
RT: 3.216 min Scan# 191
Delta R.T. -0.012 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

Tgt Ion: 42 Resp: 193619
Ion Ratio Lower Upper
42 100
74 131.4 103.8 155.6
44 6.6 5.3 7.9

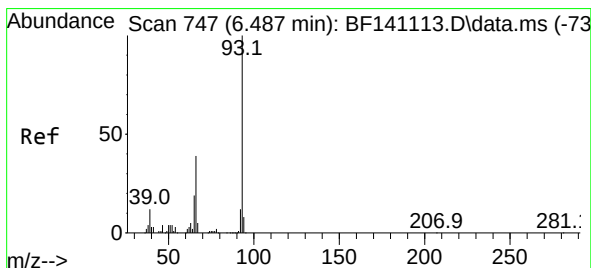
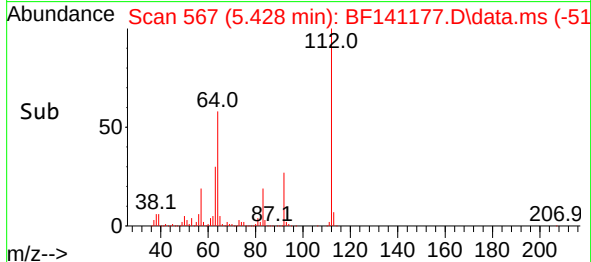
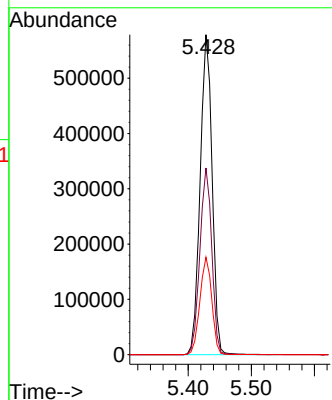
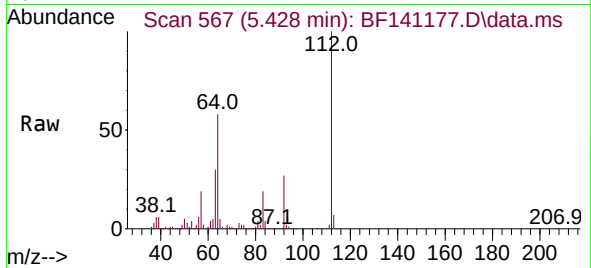




#5
2-Fluorophenol
Concen: 75.781 ng
RT: 5.428 min Scan# 567
Delta R.T. 0.000 min
Lab File: BF141177.D
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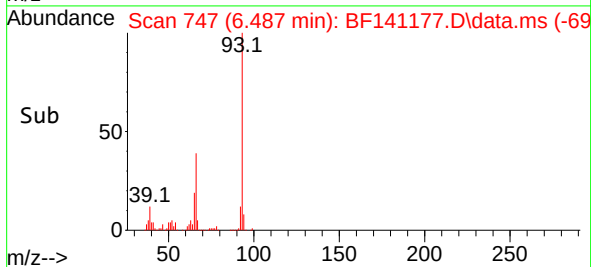
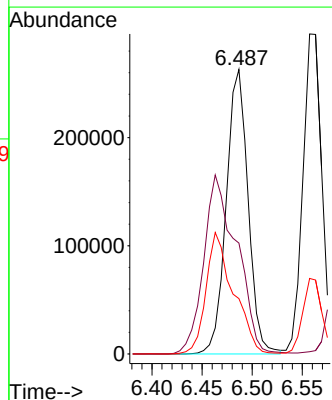
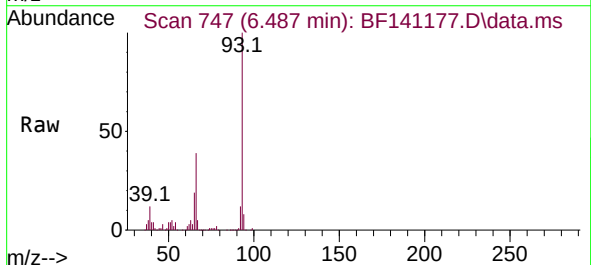
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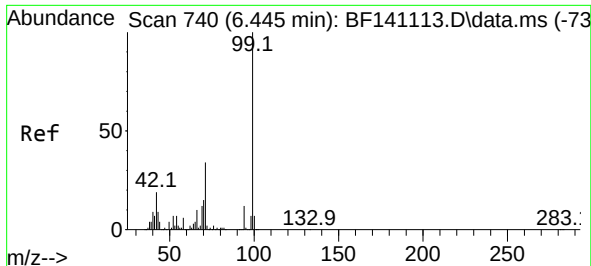
Tgt Ion:112 Resp: 762731
Ion Ratio Lower Upper
112 100
64 58.3 47.3 70.9
63 30.5 24.2 36.2



#6
Aniline
Concen: 35.149 ng
RT: 6.487 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

Tgt Ion: 93 Resp: 397866
Ion Ratio Lower Upper
93 100
66 39.0 31.5 47.3
65 19.4 15.3 22.9

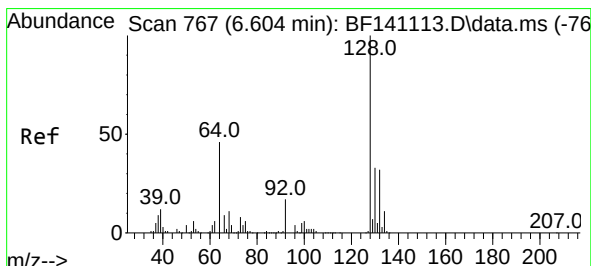
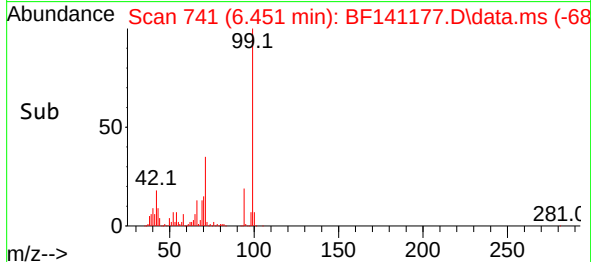
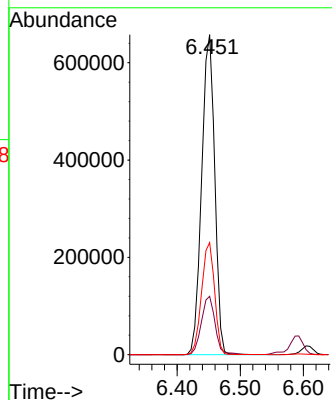
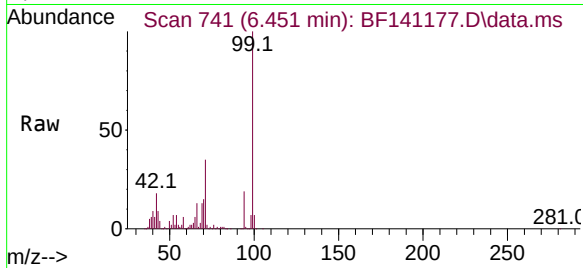




#7
Phenol-d6
Concen: 74.129 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

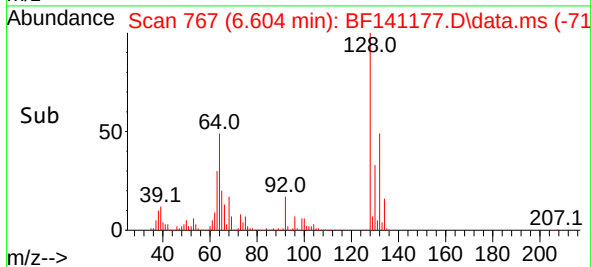
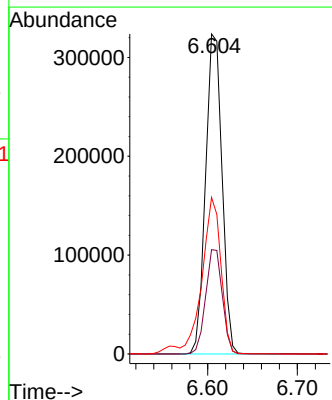
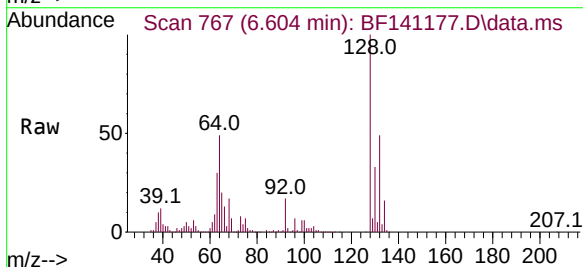
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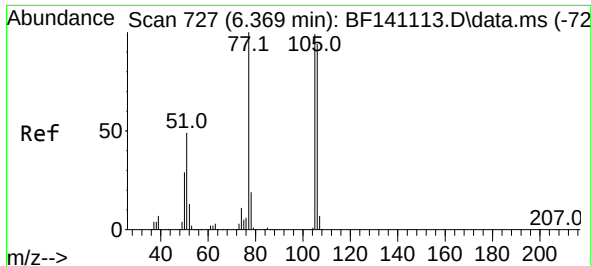
Tgt Ion: 99 Resp: 945090
Ion Ratio Lower Upper
99 100
42 18.2 15.0 22.4
71 35.0 27.6 41.4



#8
2-Chlorophenol
Concen: 38.237 ng
RT: 6.604 min Scan# 767
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

Tgt Ion:128 Resp: 412894
Ion Ratio Lower Upper
128 100
130 32.6 12.5 52.5
64 48.9 28.3 68.3

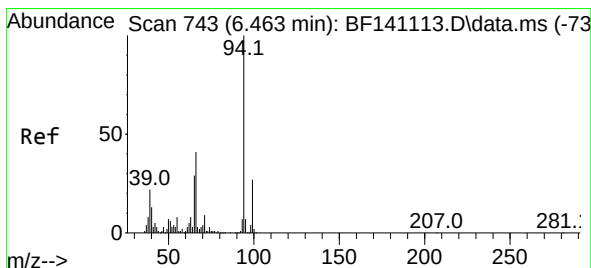
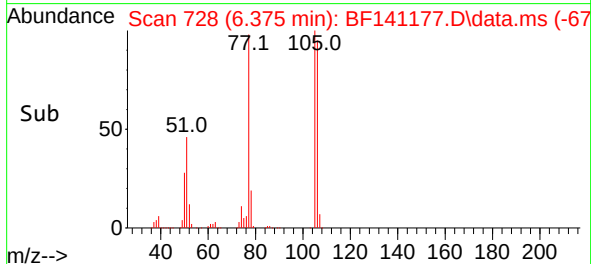
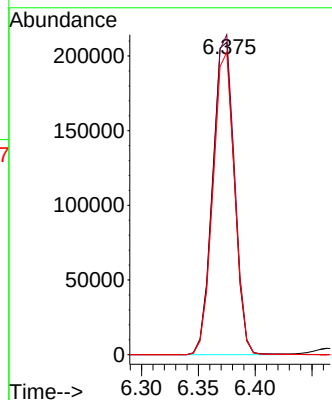
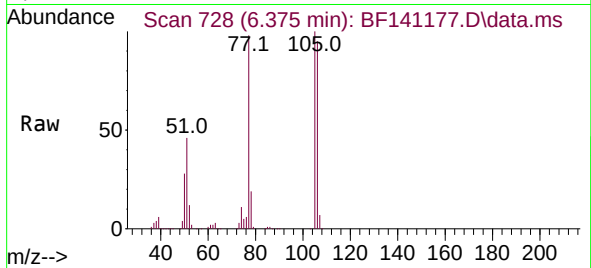




#9
Benzaldehyde
Concen: 37.175 ng
RT: 6.375 min Scan# 728
Delta R.T. 0.006 min
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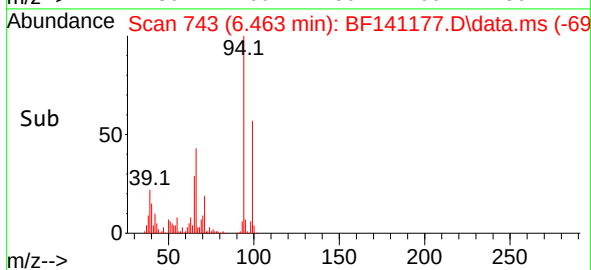
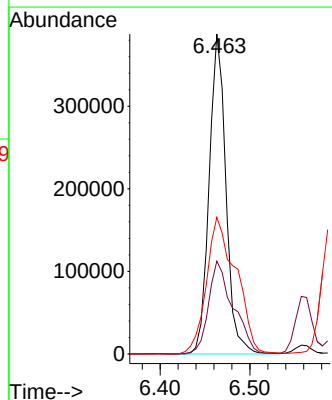
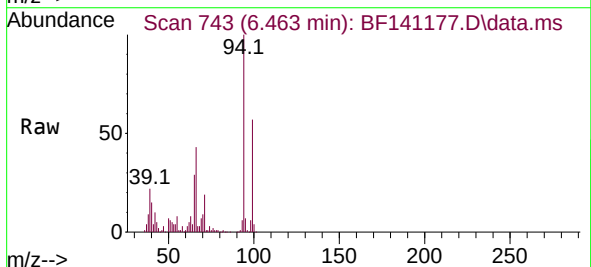
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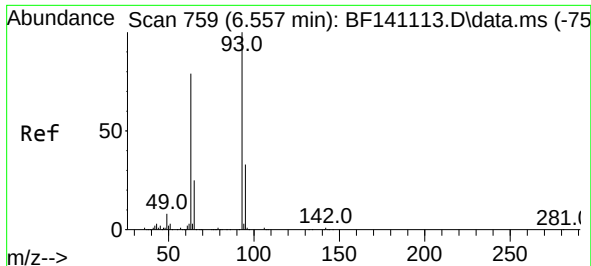
Tgt Ion: 77 Resp: 279148
Ion Ratio Lower Upper
77 100
105 102.4 78.9 118.9
106 96.8 73.6 113.6



#10
Phenol
Concen: 36.888 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.000 min
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Tgt Ion: 94 Resp: 503433
Ion Ratio Lower Upper
94 100
65 29.0 8.9 48.9
66 42.7 21.2 61.2

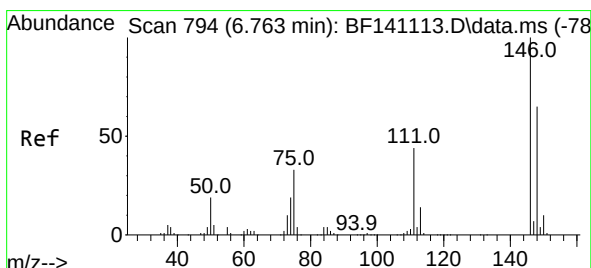
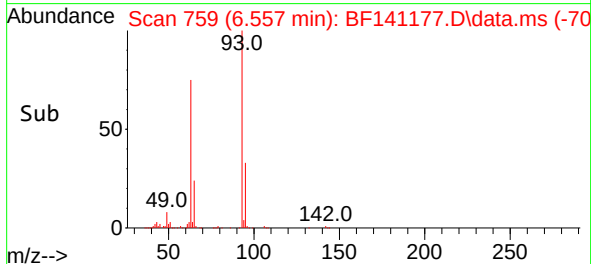
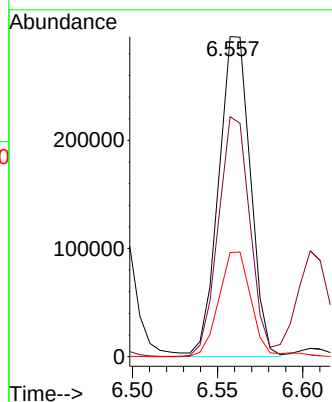
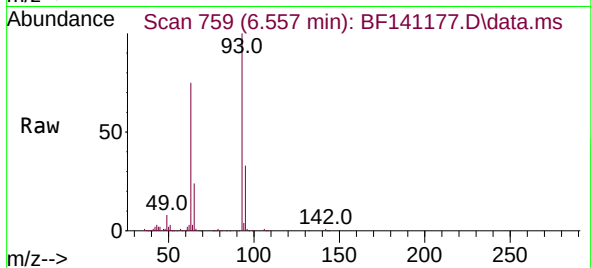




#11
bis(2-Chloroethyl)ether
Concen: 37.765 ng
RT: 6.557 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

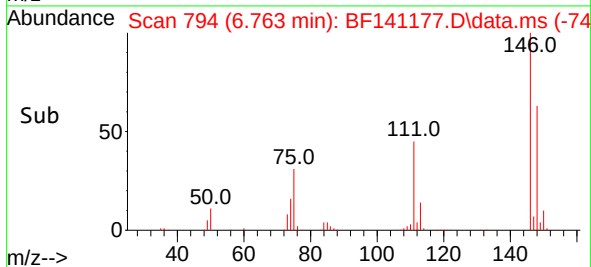
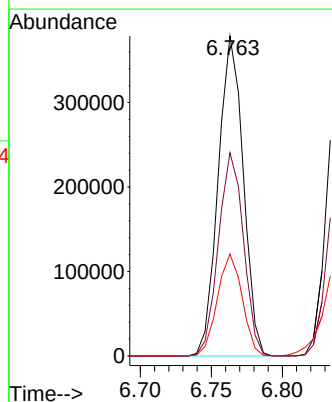
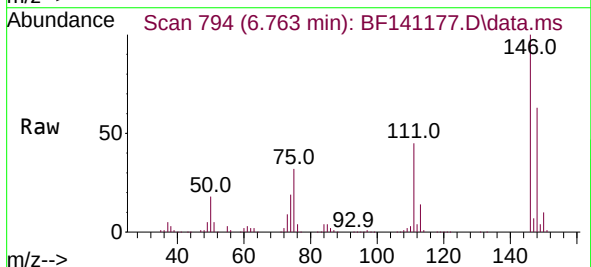
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

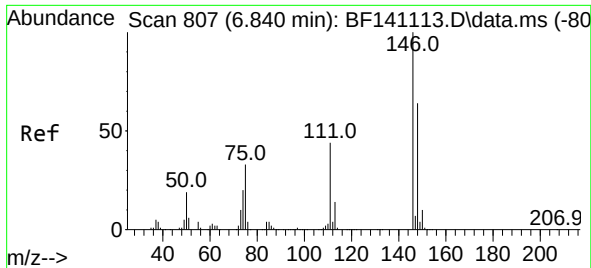
Tgt Ion: 93 Resp: 384104
Ion Ratio Lower Upper
93 100
63 75.0 58.0 98.0
95 32.6 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 38.517 ng
RT: 6.763 min Scan# 794
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

Tgt Ion:146 Resp: 463888
Ion Ratio Lower Upper
146 100
148 63.5 51.6 77.4
75 31.9 26.2 39.2

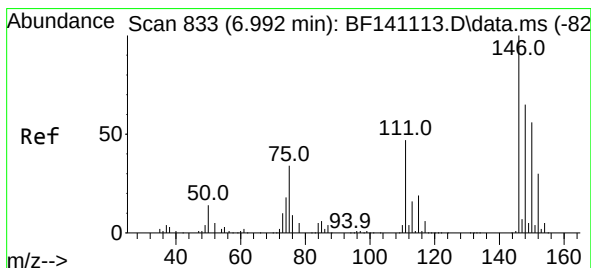
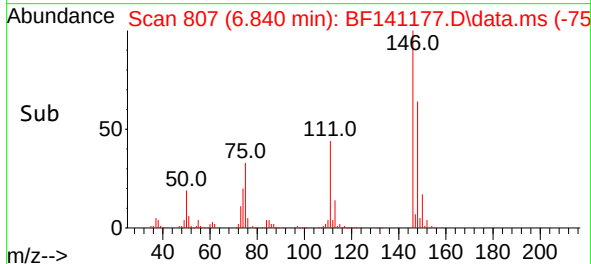
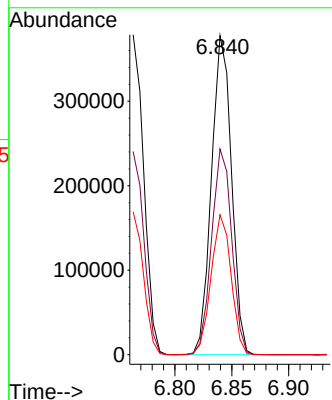
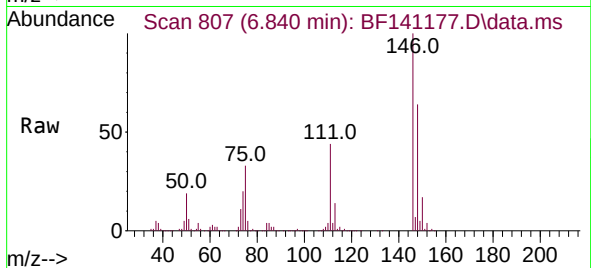




#13
1,4-Dichlorobenzene
Concen: 38.186 ng
RT: 6.840 min Scan# 807
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

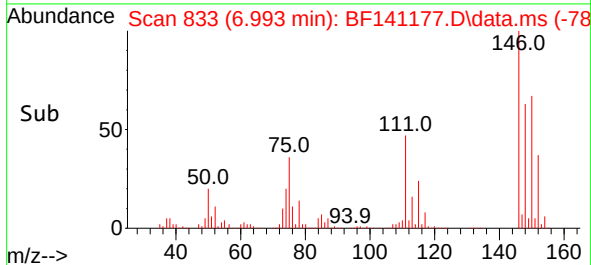
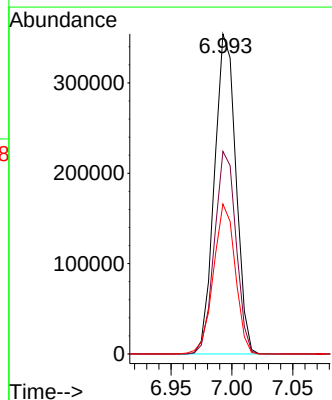
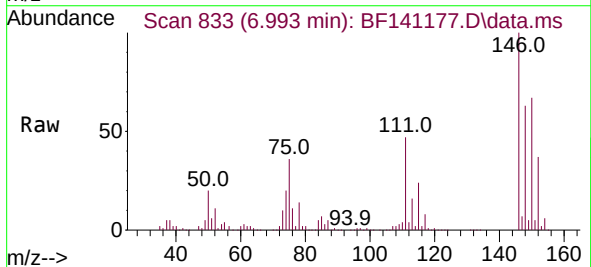
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

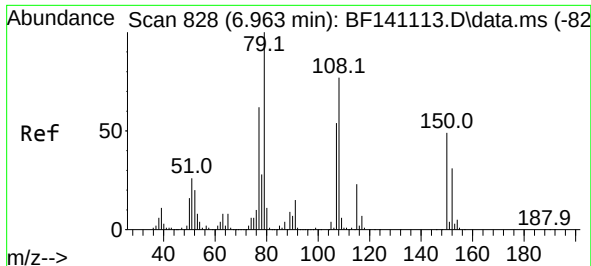
Tgt Ion:146 Resp: 463443
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.6
111 43.8 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 38.310 ng
RT: 6.993 min Scan# 833
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

Tgt Ion:146 Resp: 433703
Ion Ratio Lower Upper
146 100
148 63.3 52.2 78.4
111 46.8 37.5 56.3

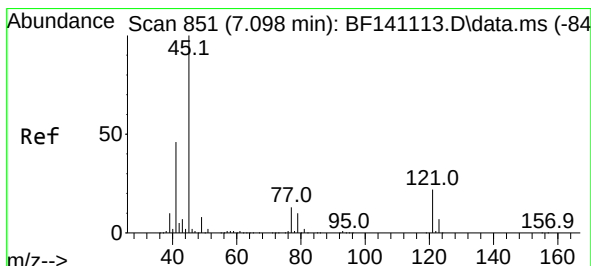
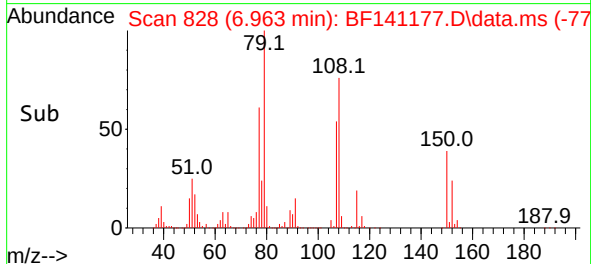
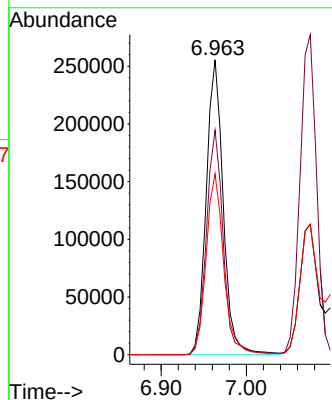
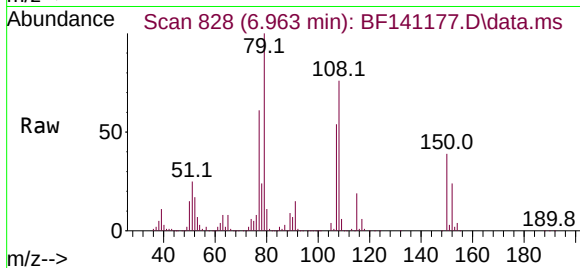




#15
Benzyl Alcohol
Concen: 38.426 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

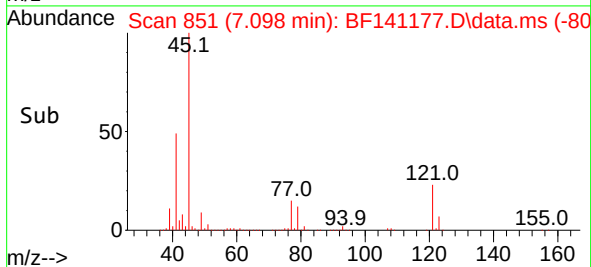
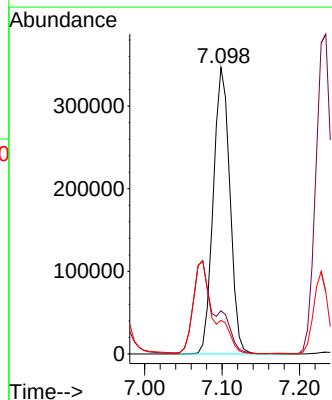
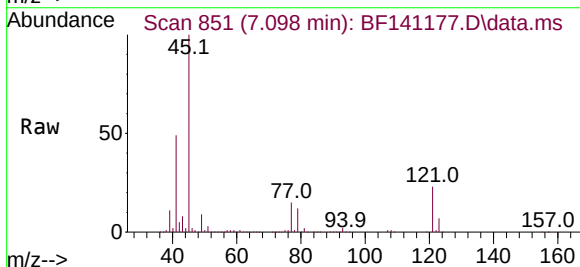
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

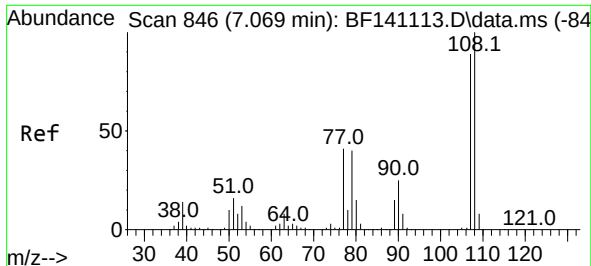
Tgt Ion: 79 Resp: 353797
Ion Ratio Lower Upper
79 100
108 76.1 61.4 92.0
77 61.3 49.8 74.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.324 ng
RT: 7.098 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

Tgt Ion: 45 Resp: 515552
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.1
79 11.8 0.0 31.0

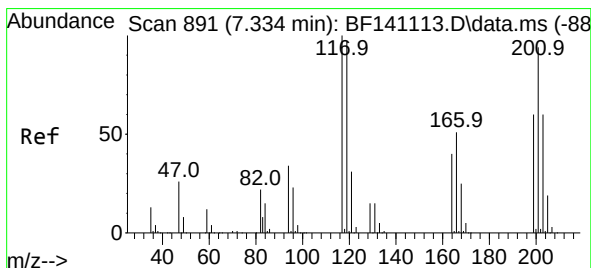
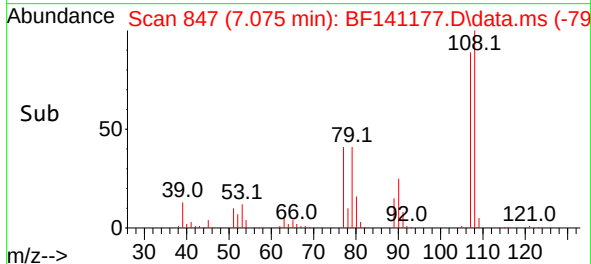
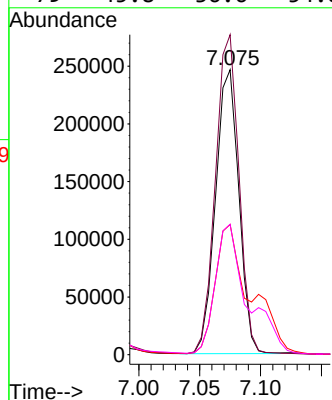
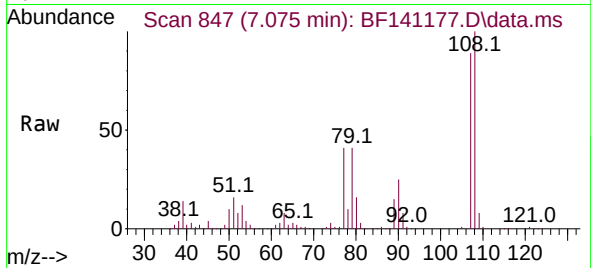




#17
2-Methylphenol
Concen: 37.654 ng
RT: 7.075 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

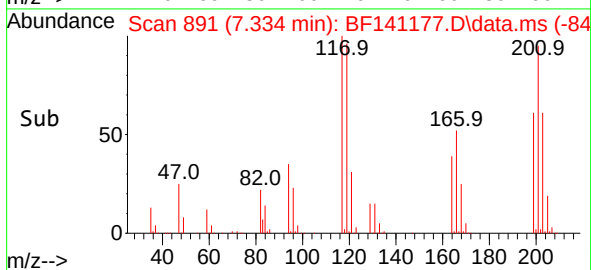
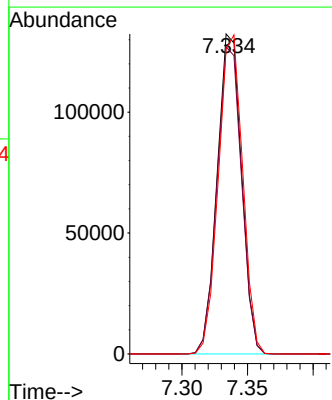
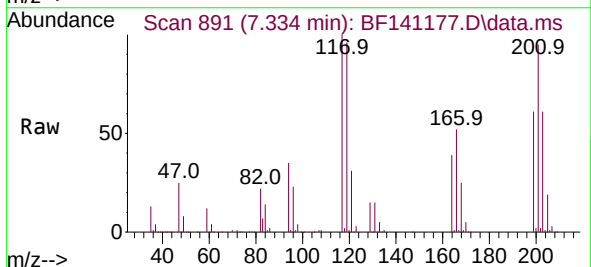
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

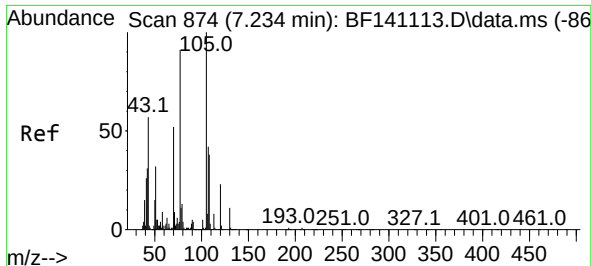
Tgt Ion:107 Resp: 328264
Ion Ratio Lower Upper
107 100
108 112.3 90.1 135.1
77 45.7 36.6 55.0
79 45.8 36.6 54.8



#18
Hexachloroethane
Concen: 38.946 ng
RT: 7.334 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

Tgt Ion:117 Resp: 170928
Ion Ratio Lower Upper
117 100
119 96.0 77.6 116.4
201 95.3 75.1 112.7



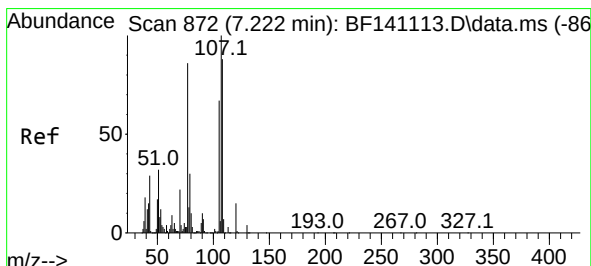
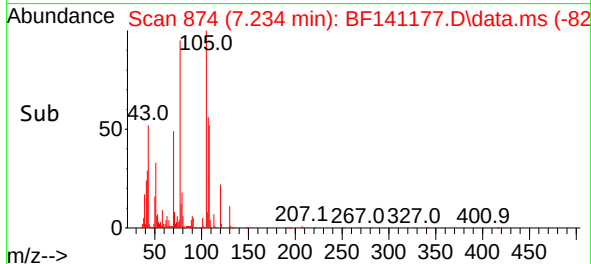
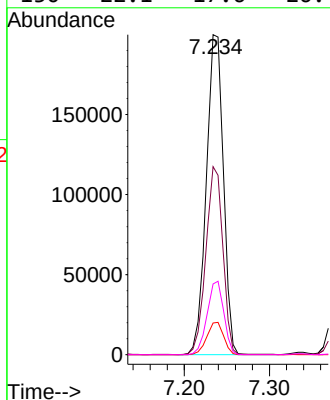
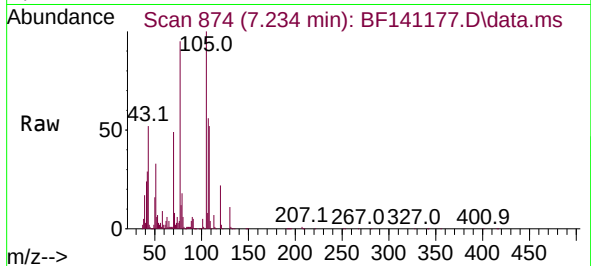


#19
n-Nitroso-di-n-propylamine
Concen: 37.085 ng
RT: 7.234 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 70 Resp: 278516

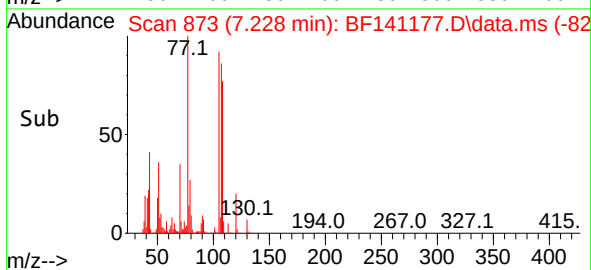
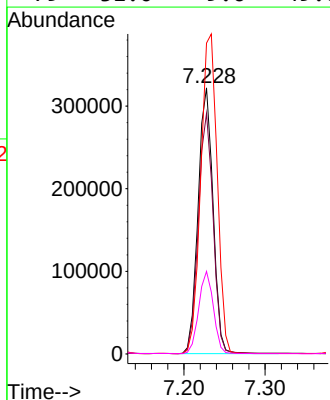
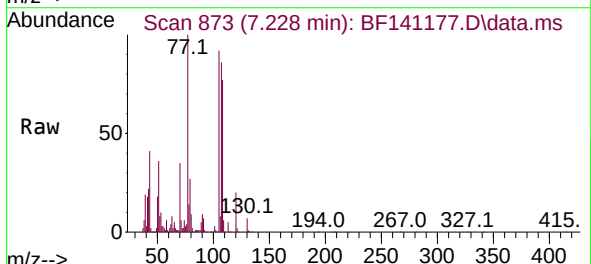
Ion	Ratio	Lower	Upper
70	100		
42	58.7	47.8	71.6
101	9.9	7.9	11.9
130	22.1	17.6	26.4

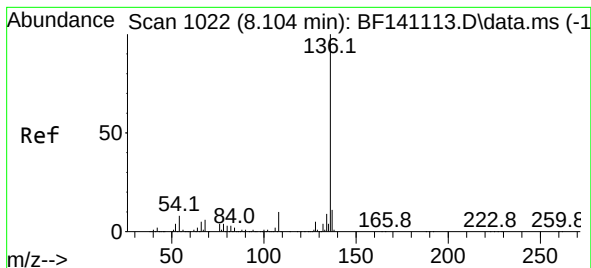


#20
3+4-Methylphenols
Concen: 37.434 ng
RT: 7.228 min Scan# 873
Delta R.T. 0.006 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

Tgt Ion: 107 Resp: 411727

Ion	Ratio	Lower	Upper
107	100		
108	90.4	68.3	108.3
77	116.8	66.4	106.4#
79	31.0	9.6	49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.104 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141177.D

Acq: 15 Jan 2025 17:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 596867

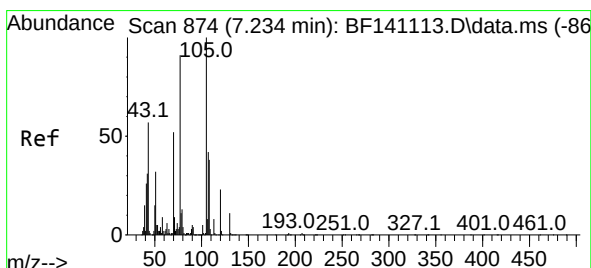
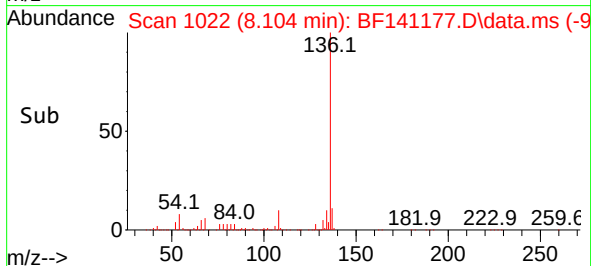
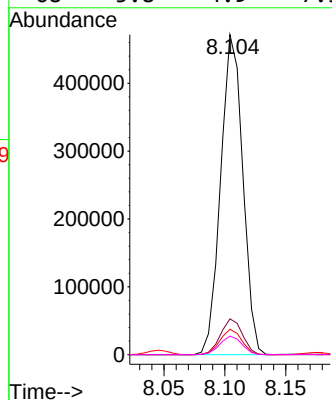
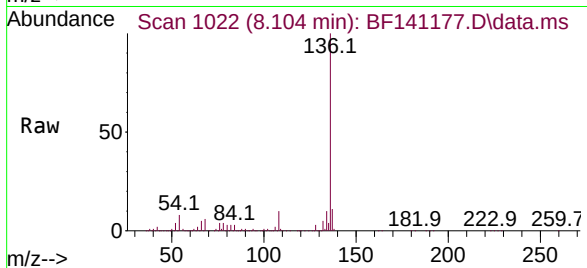
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.9 6.3 9.5

68 5.8 4.9 7.3



#22

Acetophenone

Concen: 37.585 ng

RT: 7.234 min Scan# 874

Delta R.T. 0.000 min

Lab File: BF141177.D

Acq: 15 Jan 2025 17:10

Tgt Ion:105 Resp: 533290

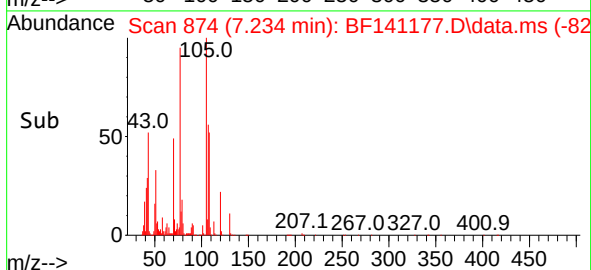
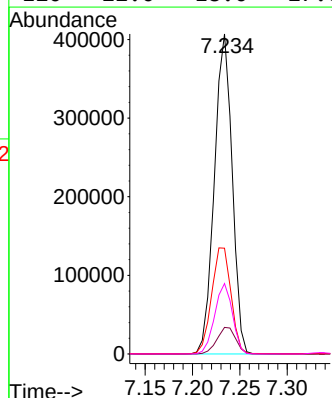
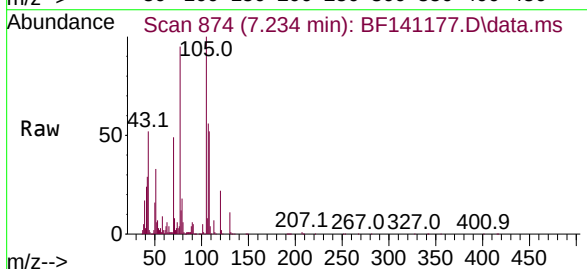
Ion Ratio Lower Upper

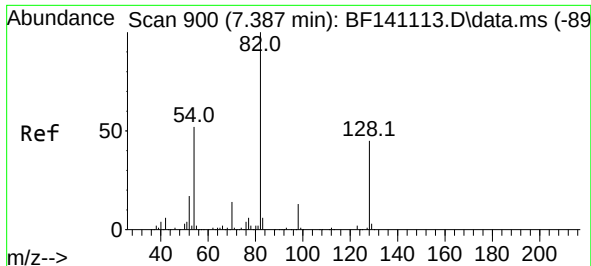
105 100

71 8.3 7.1 10.7

51 33.0 25.4 38.2

120 22.0 18.0 27.0





#23

Nitrobenzene-d5

Concen: 77.237 ng

RT: 7.387 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF141177.D

Acq: 15 Jan 2025 17:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

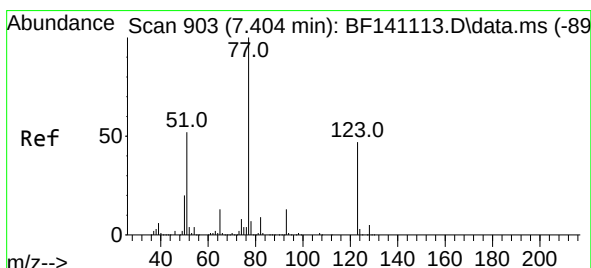
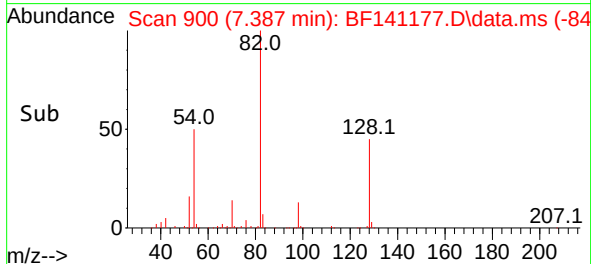
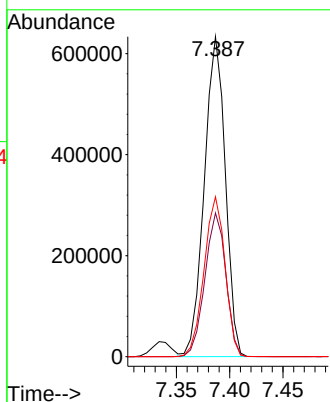
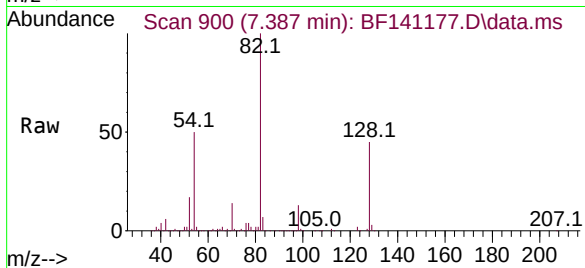
Tgt Ion: 82 Resp: 869674

Ion Ratio Lower Upper

82 100

128 44.9 36.1 54.1

54 49.9 41.0 61.4



#24

Nitrobenzene

Concen: 38.187 ng

RT: 7.404 min Scan# 903

Delta R.T. 0.000 min

Lab File: BF141177.D

Acq: 15 Jan 2025 17:10

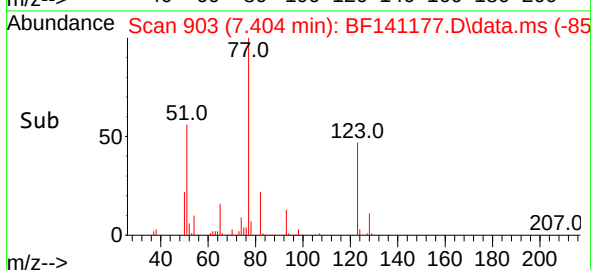
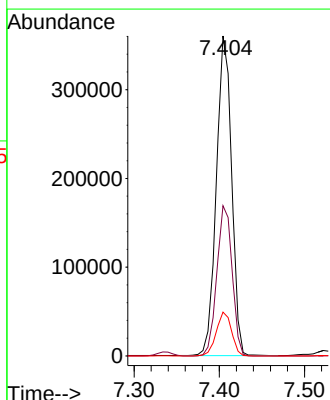
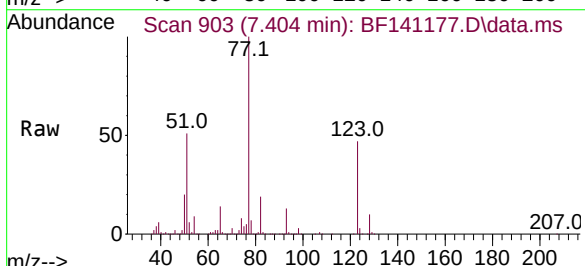
Tgt Ion: 77 Resp: 448135

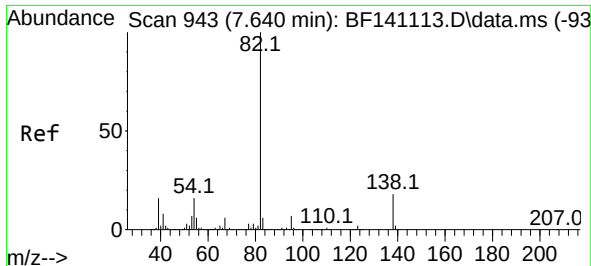
Ion Ratio Lower Upper

77 100

123 47.0 37.7 56.5

65 13.7 10.6 16.0

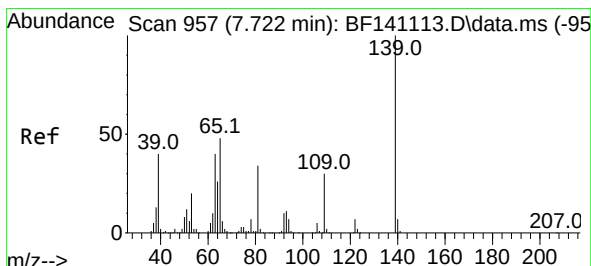
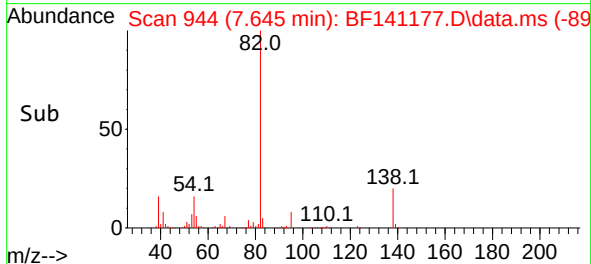
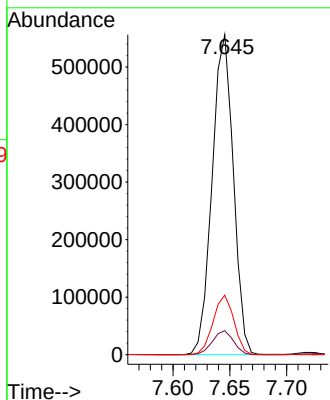
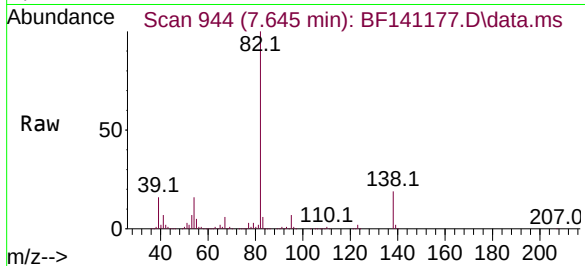




#25
Isophorone
Concen: 37.586 ng
RT: 7.645 min Scan# 944
Delta R.T. 0.006 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

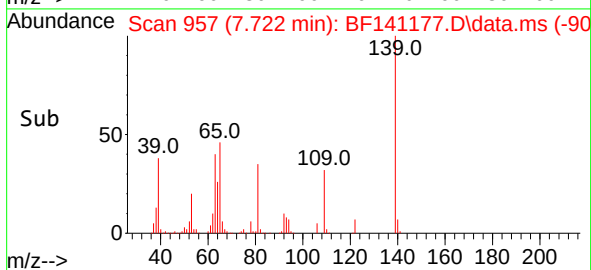
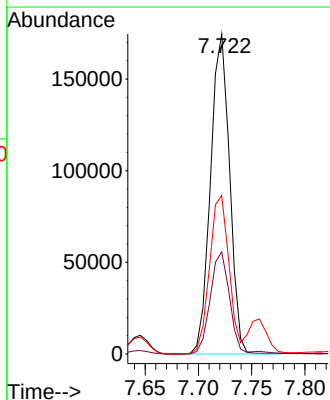
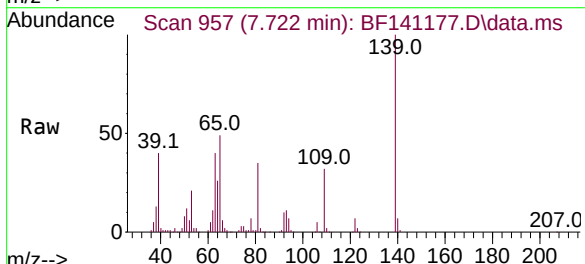
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

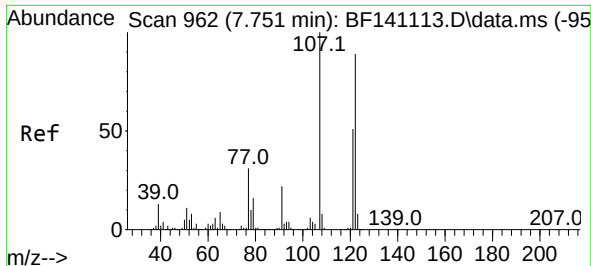
Tgt Ion: 82 Resp: 723242
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 18.6 14.2 21.2



#26
2-Nitrophenol
Concen: 40.633 ng
RT: 7.722 min Scan# 957
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

Tgt Ion:139 Resp: 216906
Ion Ratio Lower Upper
139 100
109 31.9 23.8 35.6
65 49.5 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 37.716 ng

RT: 7.757 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF141177.D

Acq: 15 Jan 2025 17:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

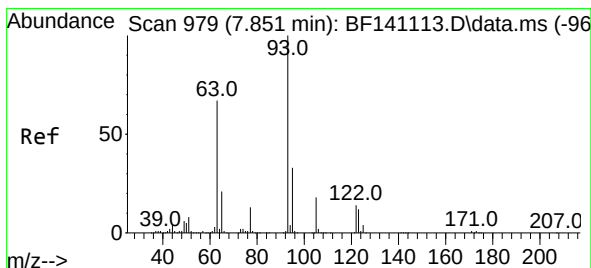
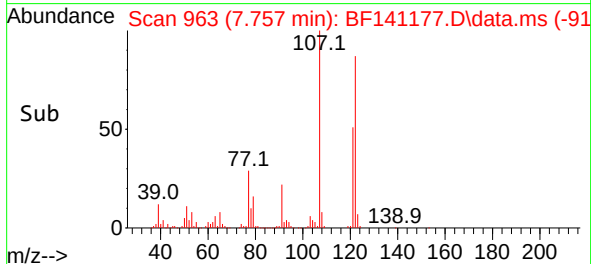
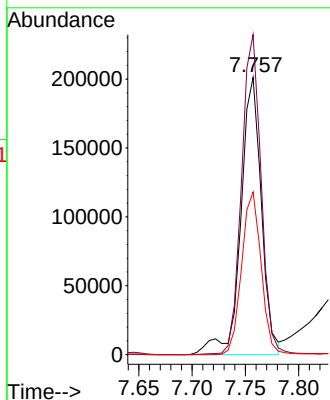
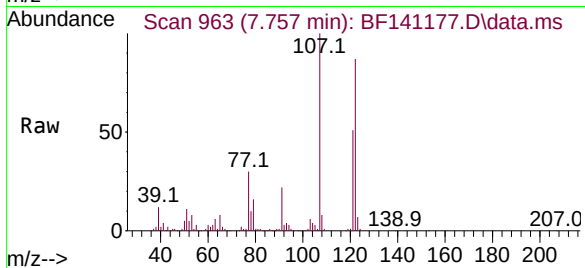
Tgt Ion:122 Resp: 271568

Ion Ratio Lower Upper

122 100

107 115.4 90.3 135.5

121 58.7 46.5 69.7



#28

bis(2-Chloroethoxy)methane

Concen: 37.902 ng

RT: 7.857 min Scan# 980

Delta R.T. 0.006 min

Lab File: BF141177.D

Acq: 15 Jan 2025 17:10

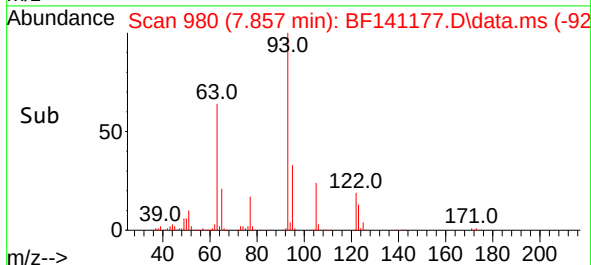
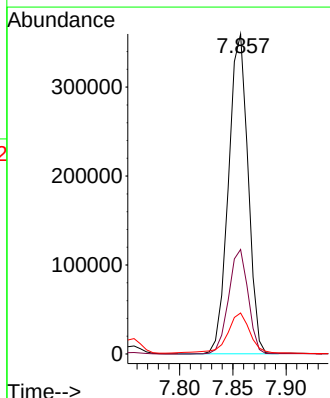
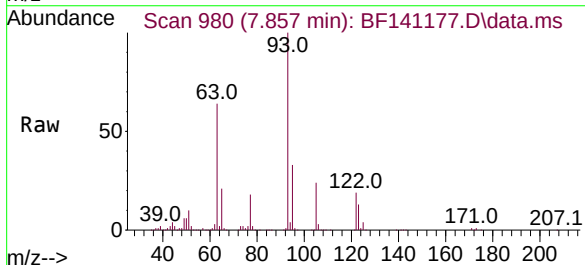
Tgt Ion: 93 Resp: 457717

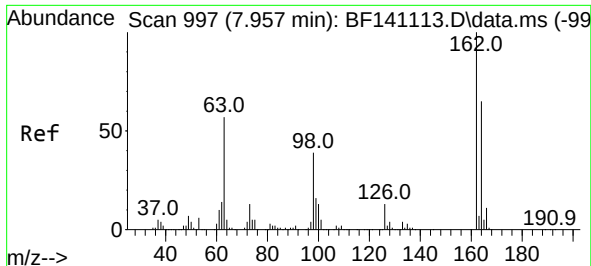
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.4

123 12.8 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 38.956 ng

RT: 7.963 min Scan# 997

Delta R.T. 0.006 min

Lab File: BF141177.D

Acq: 15 Jan 2025 17:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

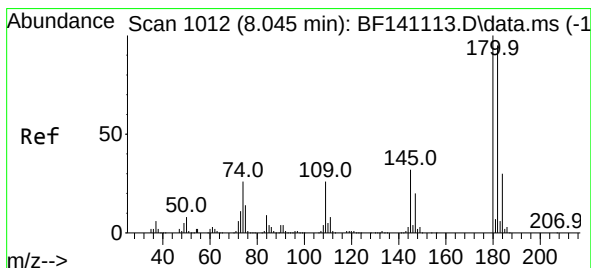
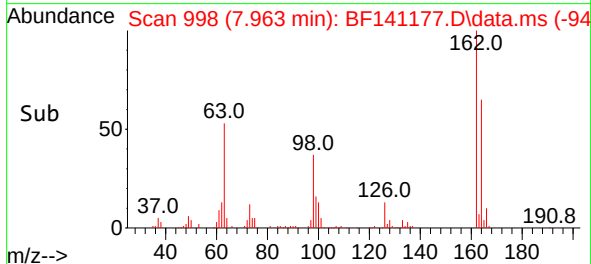
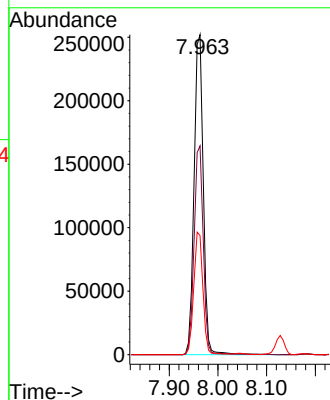
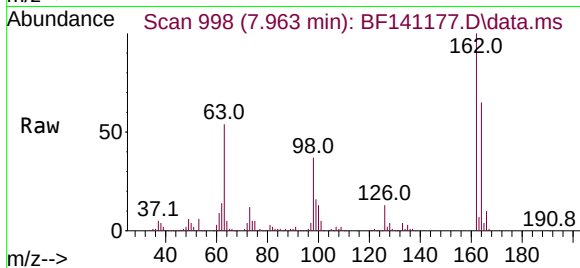
Tgt Ion:162 Resp: 333142

Ion Ratio Lower Upper

162 100

164 65.2 44.5 84.5

98 37.2 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 39.022 ng

RT: 8.045 min Scan# 1012

Delta R.T. 0.000 min

Lab File: BF141177.D

Acq: 15 Jan 2025 17:10

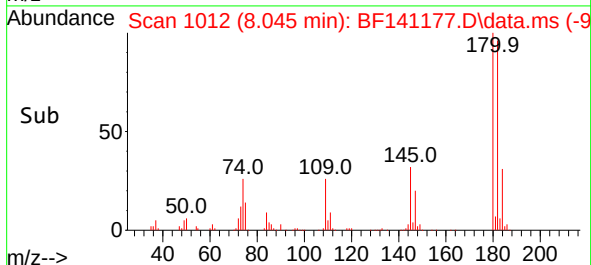
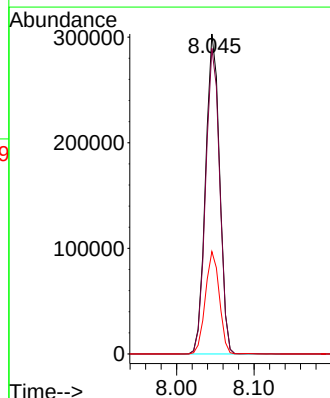
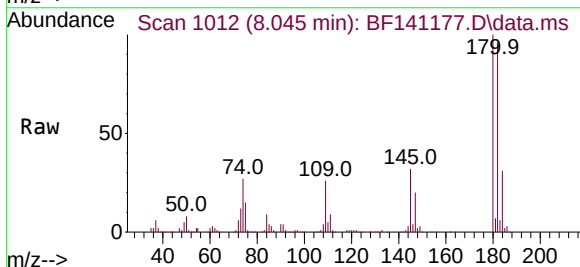
Tgt Ion:180 Resp: 381430

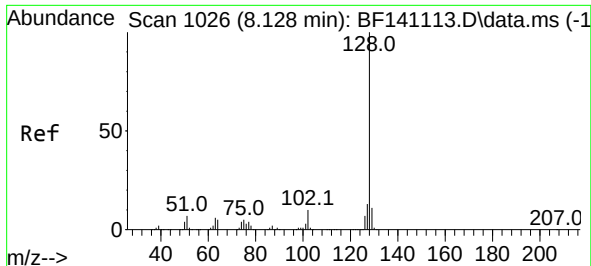
Ion Ratio Lower Upper

180 100

182 95.5 76.2 114.2

145 32.0 25.3 37.9

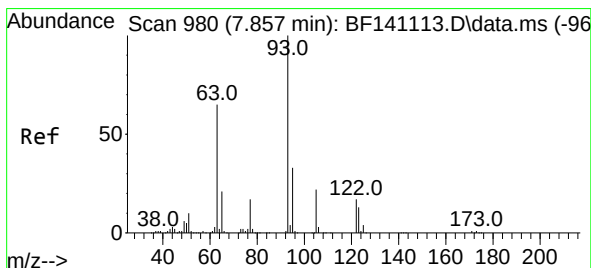
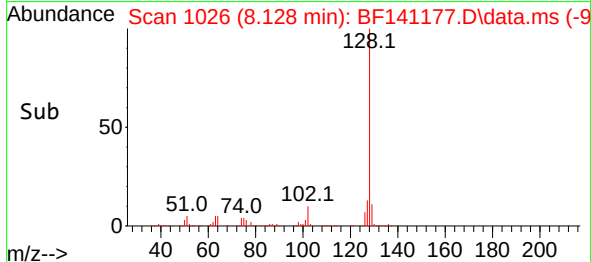
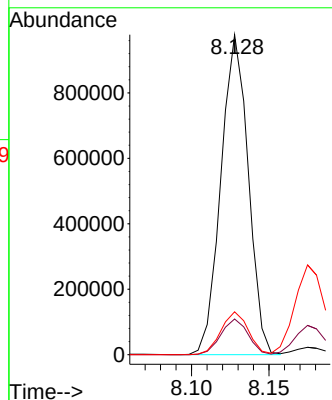
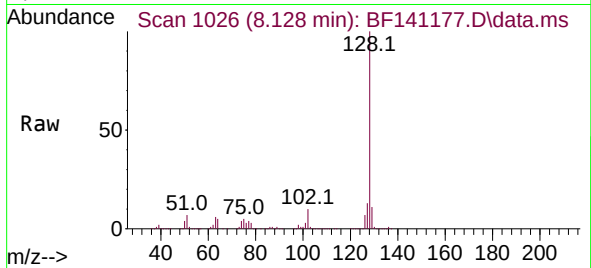




#31
Naphthalene
Concen: 38.067 ng
RT: 8.128 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

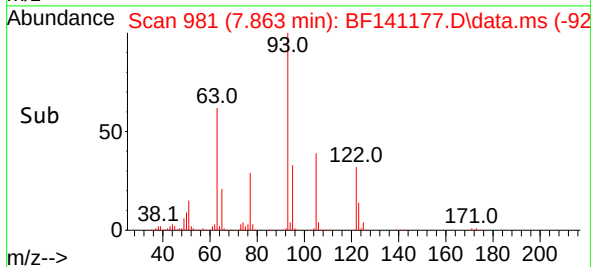
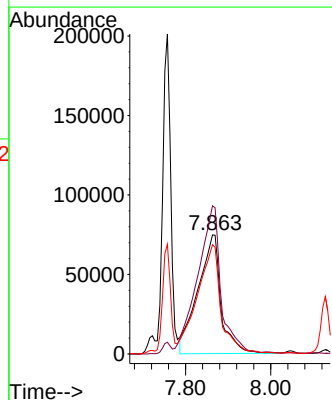
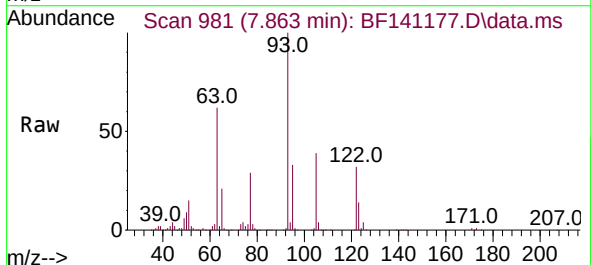
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

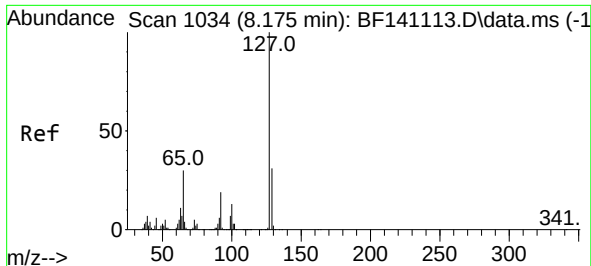
Tgt Ion:128 Resp: 1198220
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 40.674 ng
RT: 7.863 min Scan# 981
Delta R.T. 0.006 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

Tgt Ion:122 Resp: 280944
Ion Ratio Lower Upper
122 100
105 124.5 105.5 145.5
77 91.8 75.1 115.1

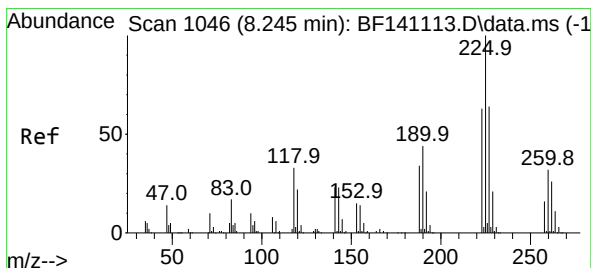
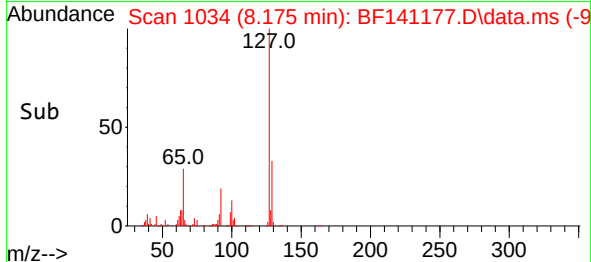
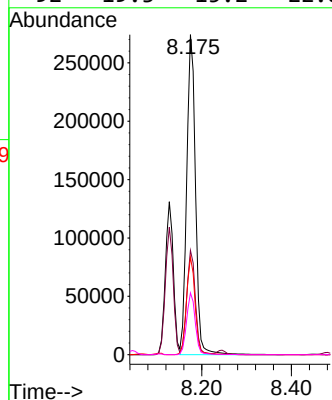
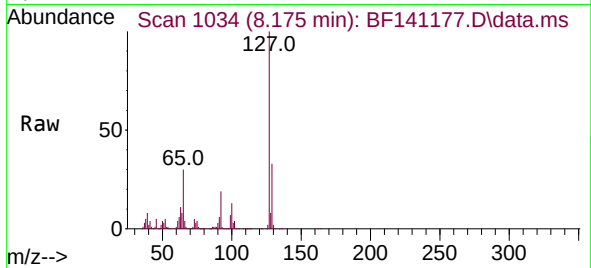




#33
4-Chloroaniline
Concen: 34.282 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

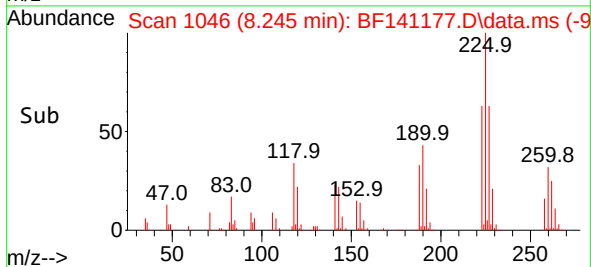
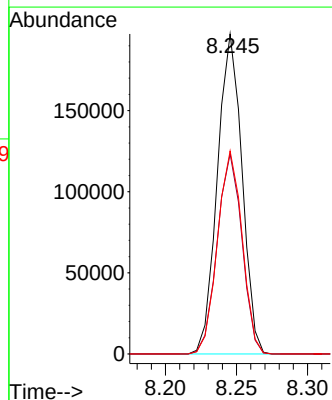
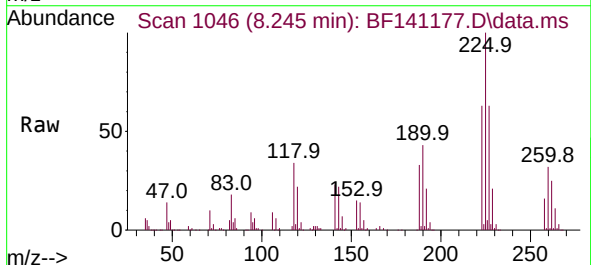
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

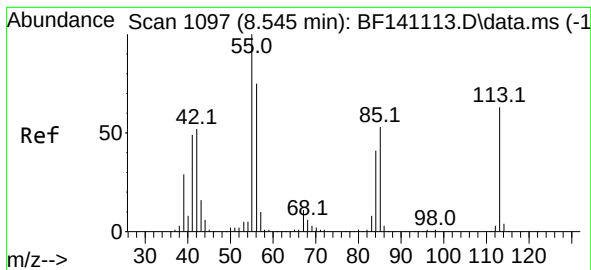
Tgt Ion:	127	Resp:	373182
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	30.4	23.8	35.8
92	19.3	15.2	22.8



#34
Hexachlorobutadiene
Concen: 40.351 ng
RT: 8.245 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

Tgt Ion:	225	Resp:	237661
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	63.5	51.6	77.4





#35

Caprolactam

Concen: 36.395 ng

RT: 8.545 min Scan# 1097

Delta R.T. 0.000 min

Lab File: BF141177.D

Acq: 15 Jan 2025 17:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

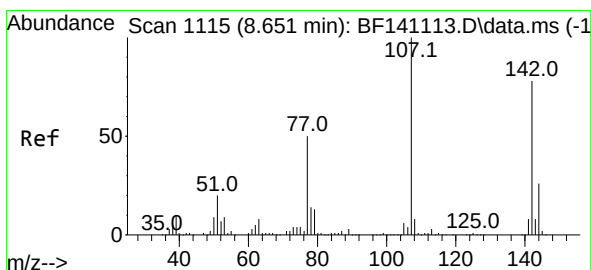
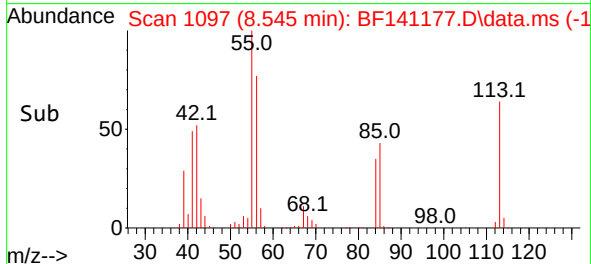
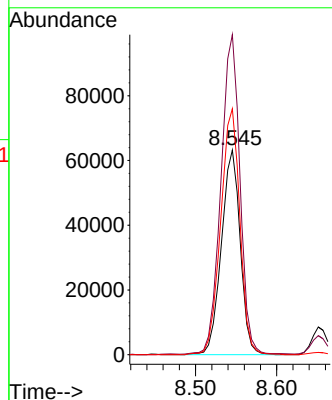
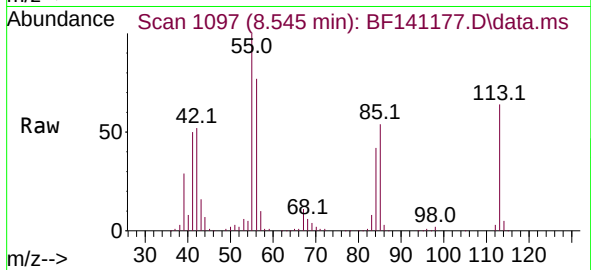
Tgt Ion:113 Resp: 101897

Ion Ratio Lower Upper

113 100

55 156.3 139.7 179.7

56 120.2 99.4 139.4



#36

4-Chloro-3-methylphenol

Concen: 37.823 ng

RT: 8.651 min Scan# 1115

Delta R.T. 0.000 min

Lab File: BF141177.D

Acq: 15 Jan 2025 17:10

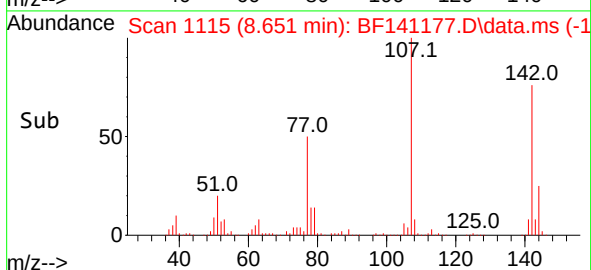
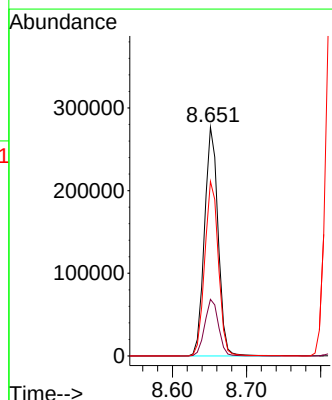
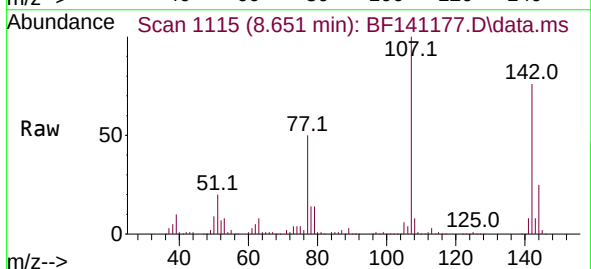
Tgt Ion:107 Resp: 353744

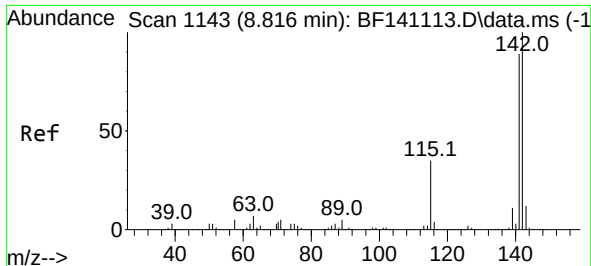
Ion Ratio Lower Upper

107 100

144 24.7 20.4 30.6

142 76.3 62.2 93.2

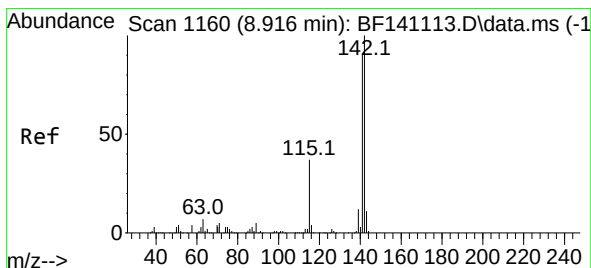
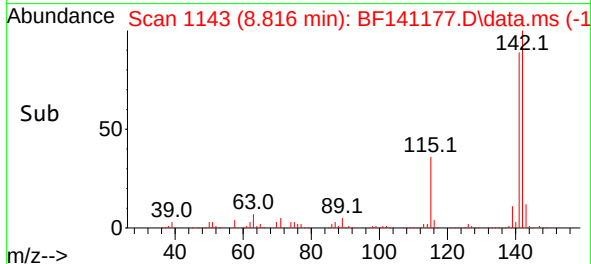
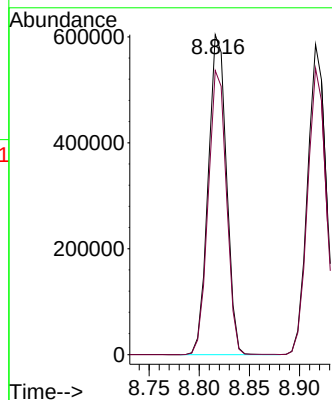
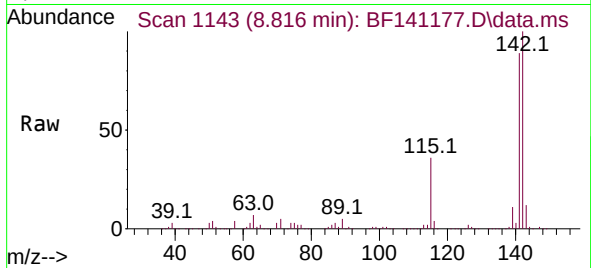




#37
2-Methylnaphthalene
Concen: 38.211 ng
RT: 8.816 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

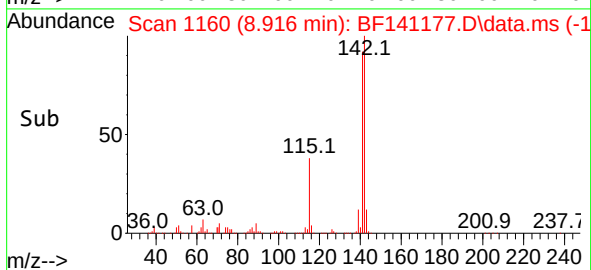
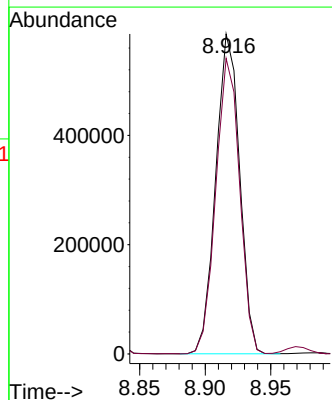
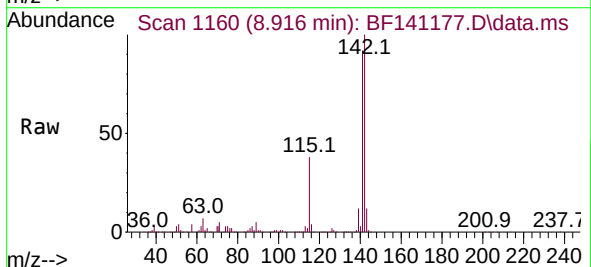
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

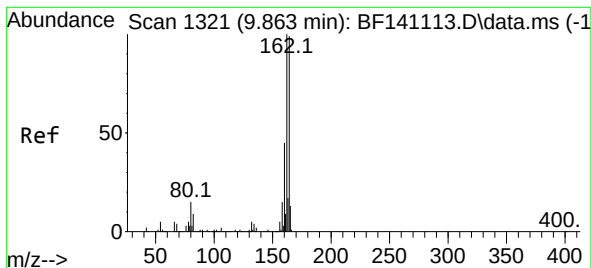
Tgt Ion:142 Resp: 766427
Ion Ratio Lower Upper
142 100
141 88.8 71.3 106.9



#38
1-Methylnaphthalene
Concen: 37.443 ng
RT: 8.916 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

Tgt Ion:142 Resp: 740167
Ion Ratio Lower Upper
142 100
141 92.3 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF141177.D

Acq: 15 Jan 2025 17:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

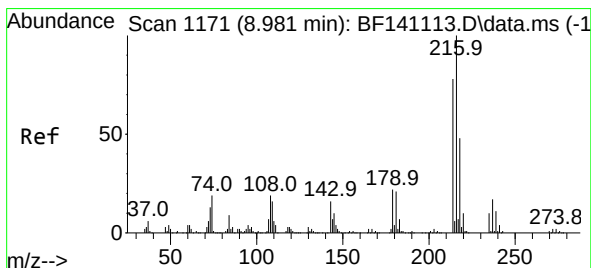
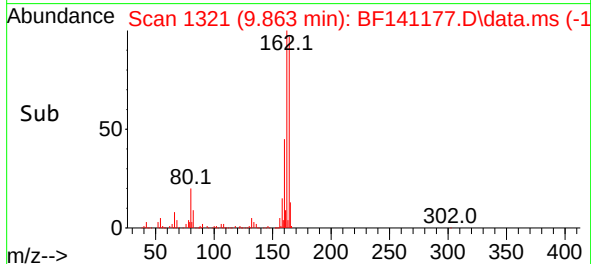
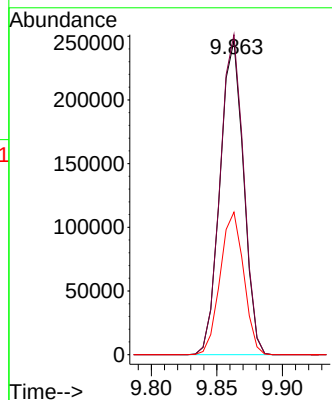
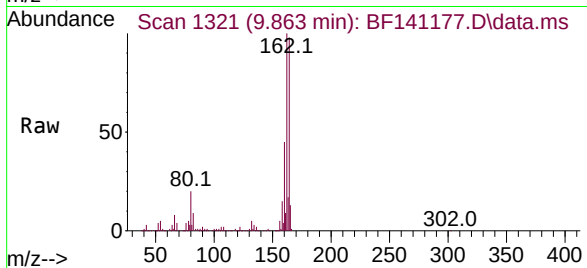
Tgt Ion:164 Resp: 306781

Ion Ratio Lower Upper

164 100

162 101.9 81.0 121.4

160 45.4 36.1 54.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.428 ng

RT: 8.987 min Scan# 1172

Delta R.T. 0.006 min

Lab File: BF141177.D

Acq: 15 Jan 2025 17:10

Tgt Ion:216 Resp: 355979

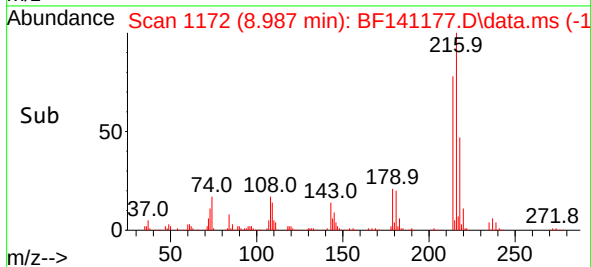
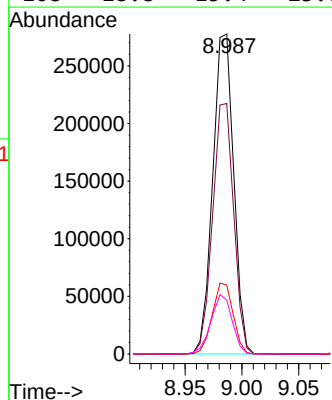
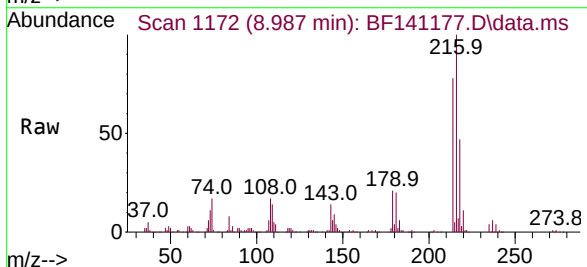
Ion Ratio Lower Upper

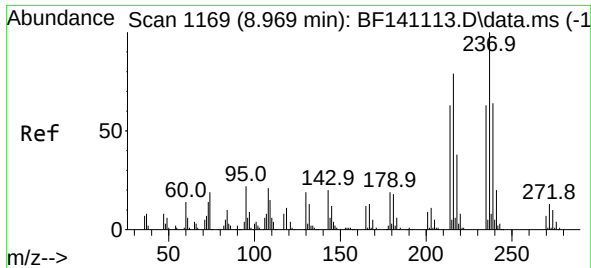
216 100

214 78.7 62.6 94.0

179 22.0 17.7 26.5

108 18.8 15.4 23.0

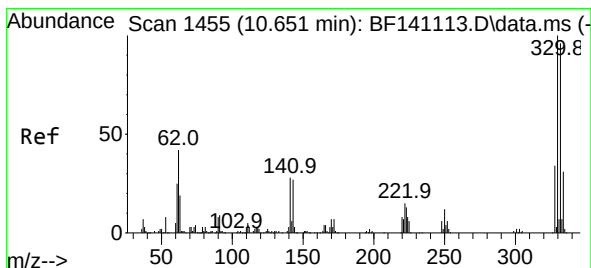
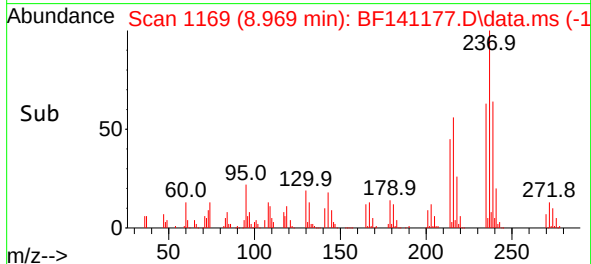
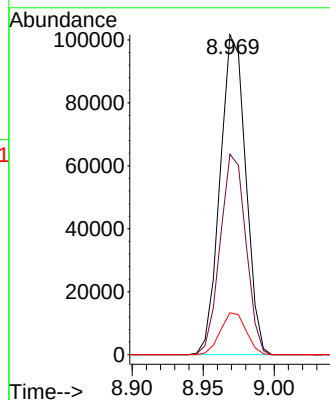
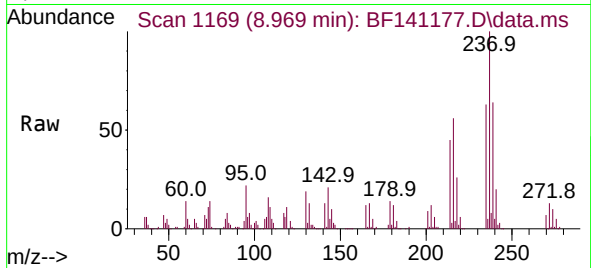




#41
Hexachlorocyclopentadiene
Concen: 44.331 ng
RT: 8.969 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

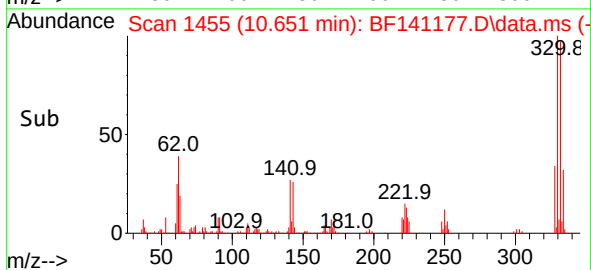
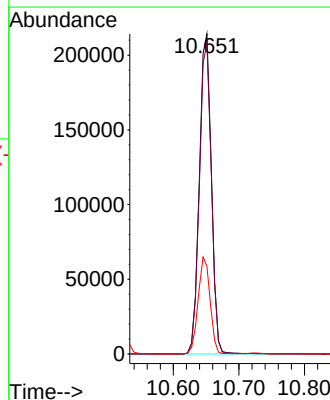
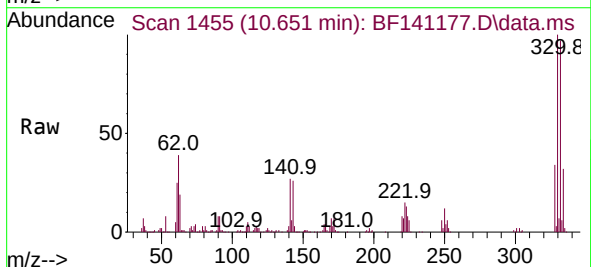
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

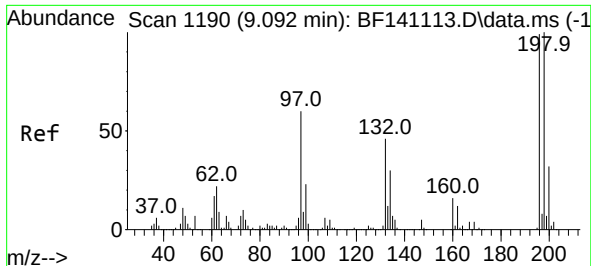
Tgt Ion:237 Resp: 127706
Ion Ratio Lower Upper
237 100
235 62.7 43.0 83.0
272 13.1 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 78.336 ng
RT: 10.651 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

Tgt Ion:330 Resp: 273830
Ion Ratio Lower Upper
330 100
332 96.9 76.9 115.3
141 30.1 25.2 37.8

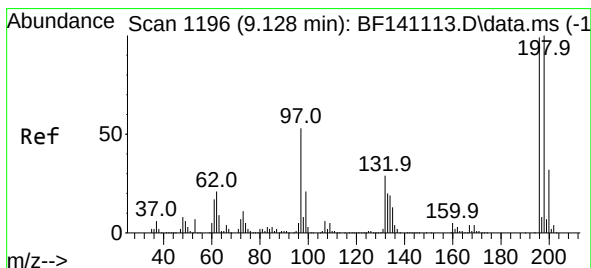
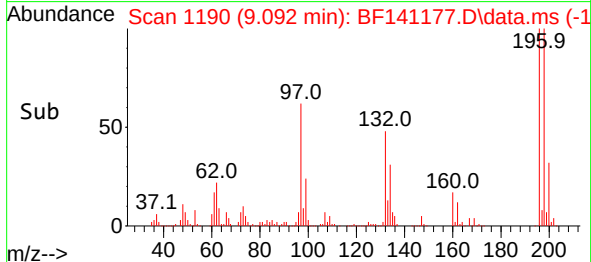
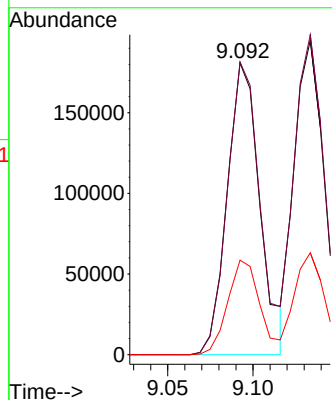
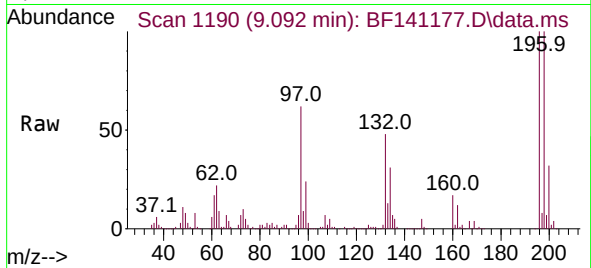




#43
2,4,6-Trichlorophenol
Concen: 40.545 ng
RT: 9.092 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

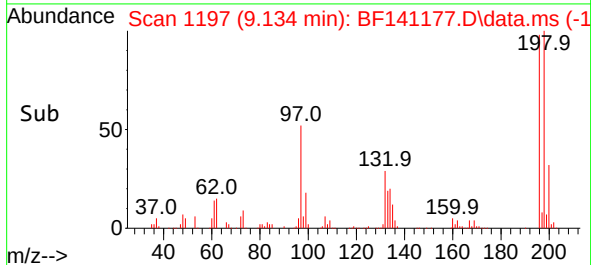
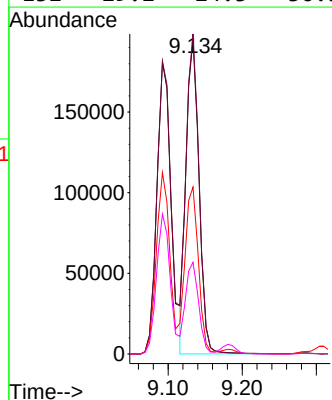
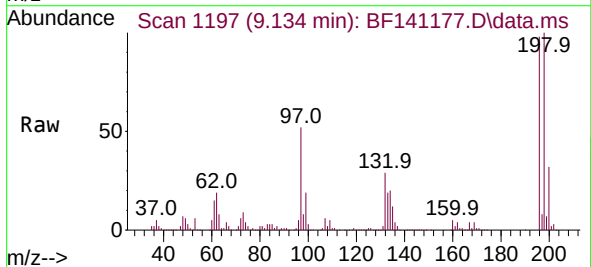
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

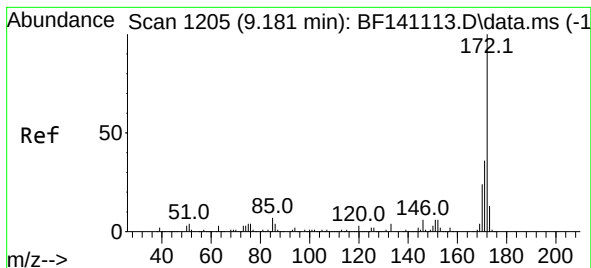
Tgt Ion:196 Resp: 240779
Ion Ratio Lower Upper
196 100
198 100.4 80.8 121.2
200 32.4 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 38.100 ng
RT: 9.134 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

Tgt Ion:196 Resp: 238958
Ion Ratio Lower Upper
196 100
198 101.8 80.6 120.8
97 53.1 43.1 64.7
132 29.2 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 78.008 ng

RT: 9.181 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BF141177.D

Acq: 15 Jan 2025 17:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

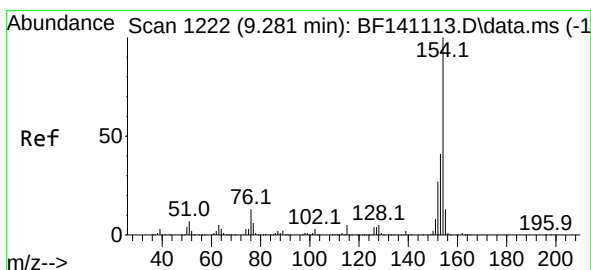
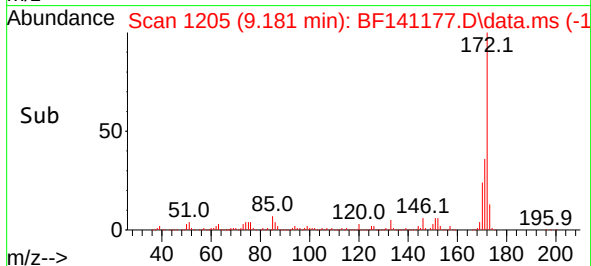
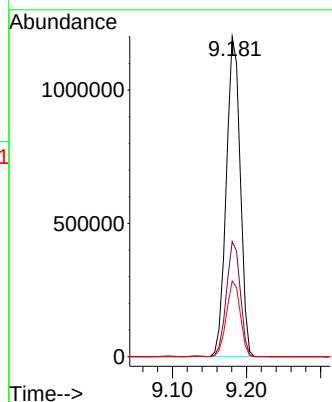
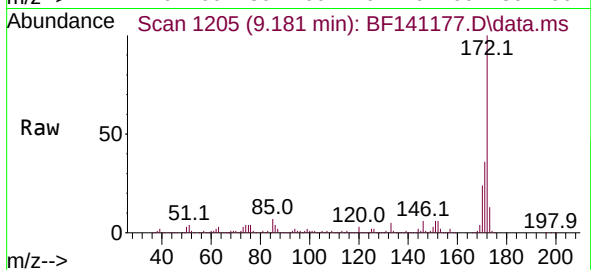
Tgt Ion:172 Resp: 1567171

Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

170 23.6 19.0 28.6



#46

1,1'-Biphenyl

Concen: 38.975 ng

RT: 9.281 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BF141177.D

Acq: 15 Jan 2025 17:10

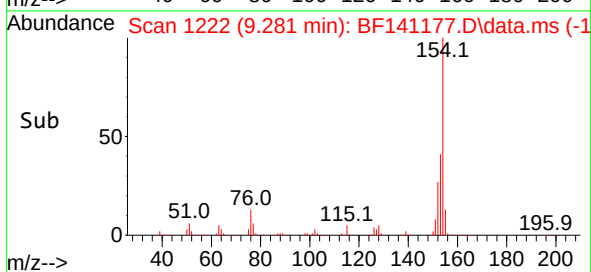
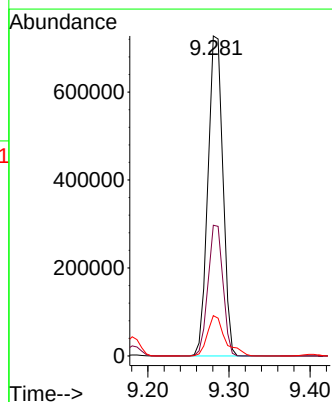
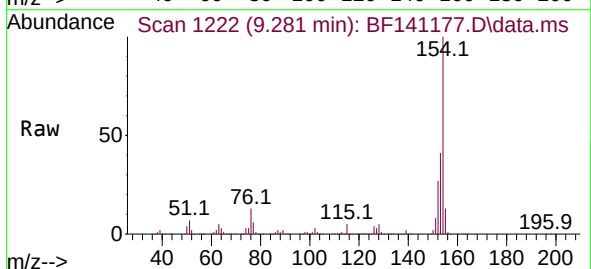
Tgt Ion:154 Resp: 928568

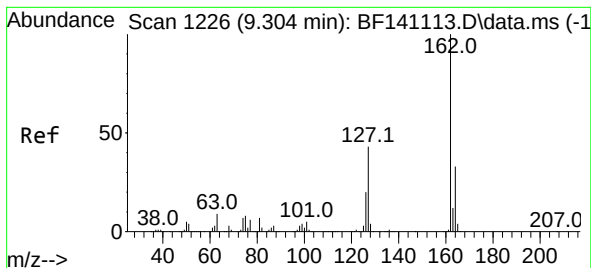
Ion Ratio Lower Upper

154 100

153 40.9 20.7 60.7

76 12.6 0.0 33.1





#47

2-Chloronaphthalene

Concen: 38.731 ng

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141177.D

Acq: 15 Jan 2025 17:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

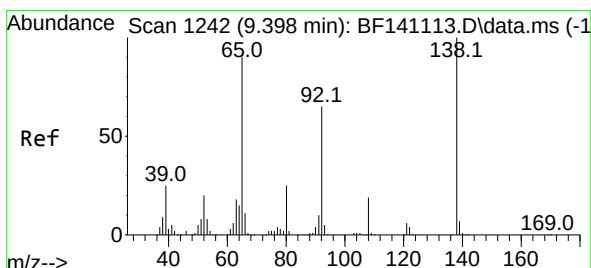
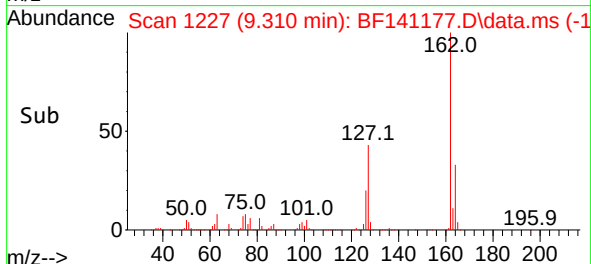
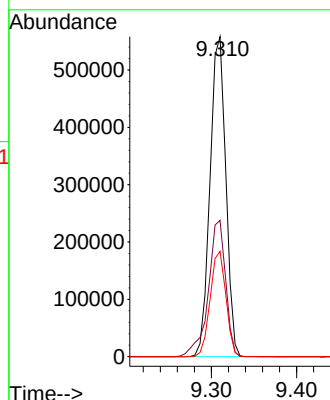
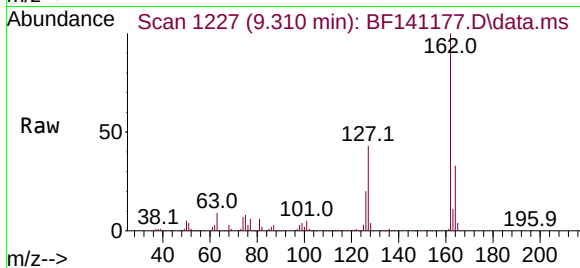
Tgt Ion:162 Resp: 718713

Ion Ratio Lower Upper

162 100

127 42.6 34.6 51.8

164 32.9 26.5 39.7



#48

2-Nitroaniline

Concen: 38.092 ng

RT: 9.398 min Scan# 1242

Delta R.T. 0.000 min

Lab File: BF141177.D

Acq: 15 Jan 2025 17:10

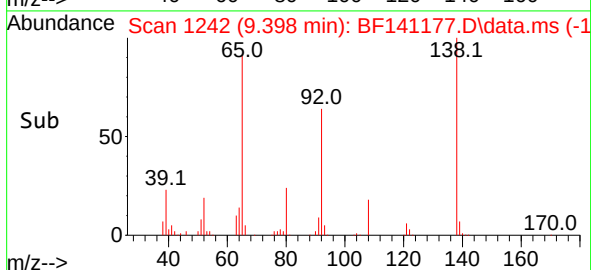
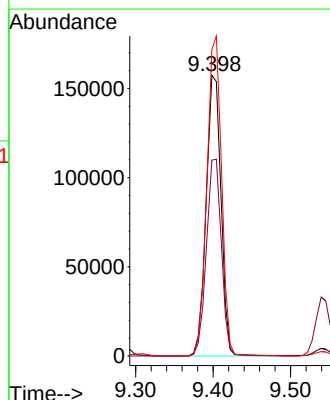
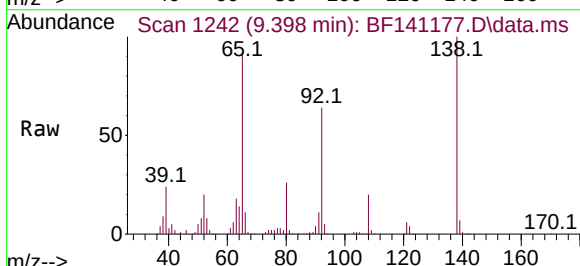
Tgt Ion: 65 Resp: 209535

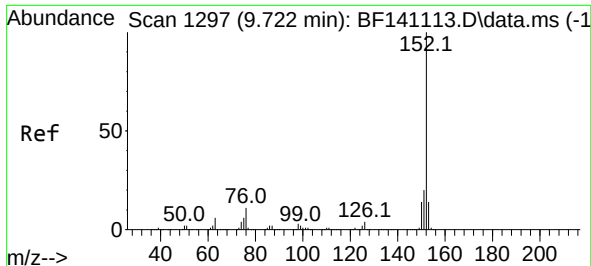
Ion Ratio Lower Upper

65 100

92 69.8 58.3 87.5

138 109.2 89.1 133.7

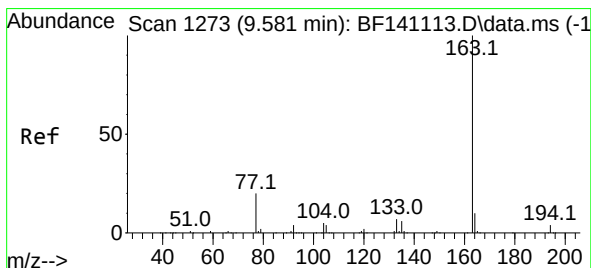
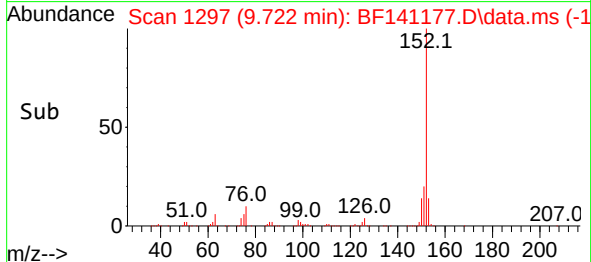
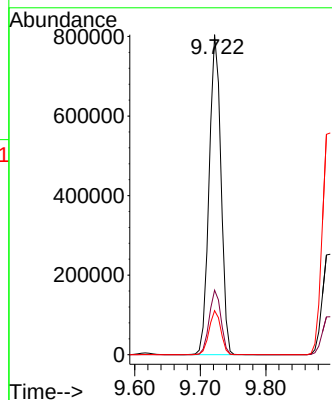
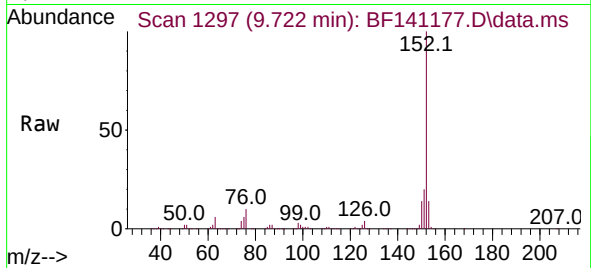




#49
Acenaphthylene
Concen: 38.028 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

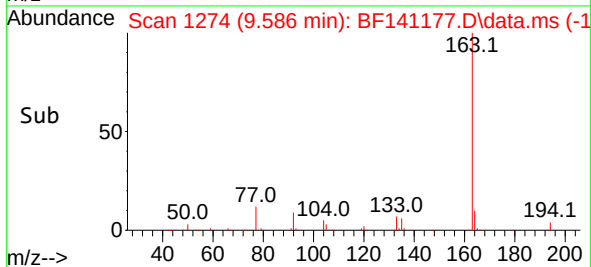
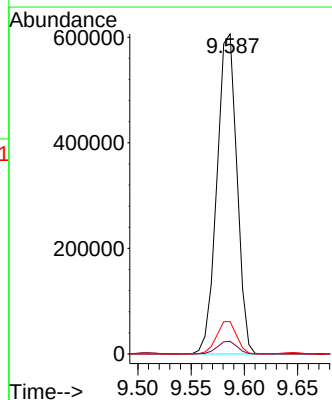
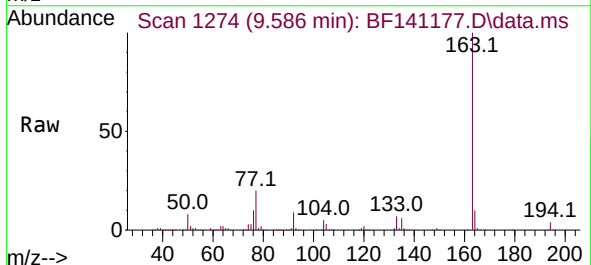
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

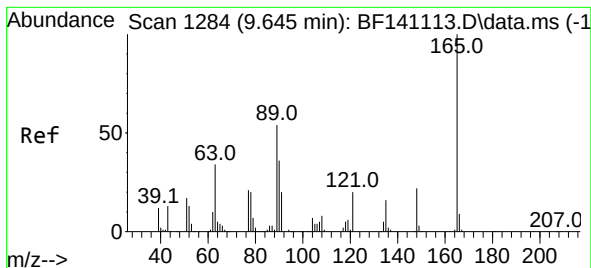
Tgt Ion:152 Resp: 1008177
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.8 11.1 16.7



#50
Dimethylphthalate
Concen: 38.279 ng
RT: 9.586 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

Tgt Ion:163 Resp: 788370
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.1 8.2 12.4

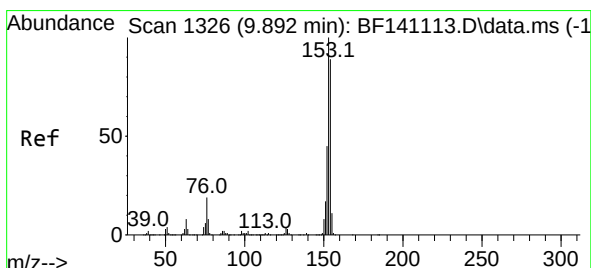
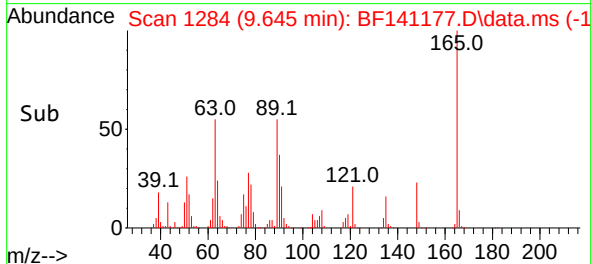
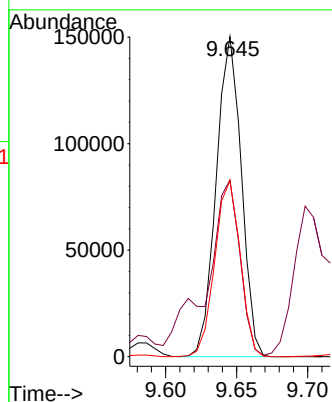
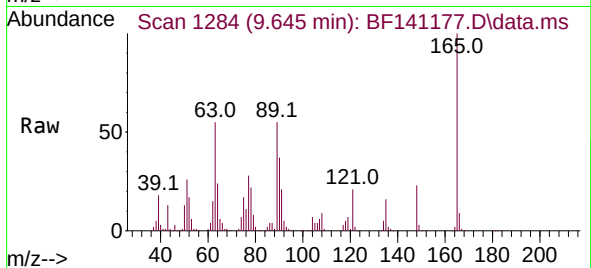




#51
2,6-Dinitrotoluene
Concen: 38.603 ng
RT: 9.645 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

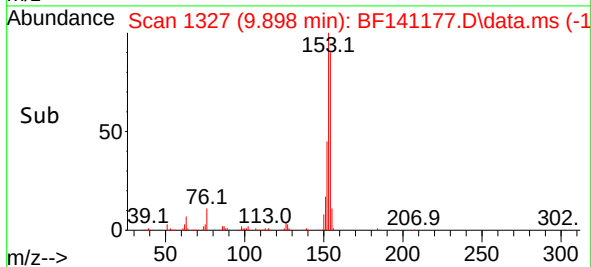
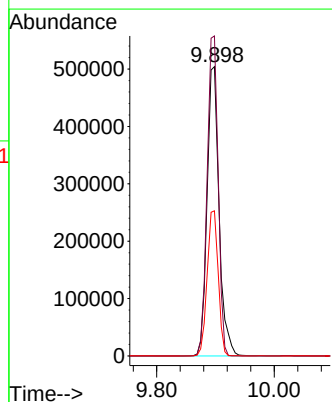
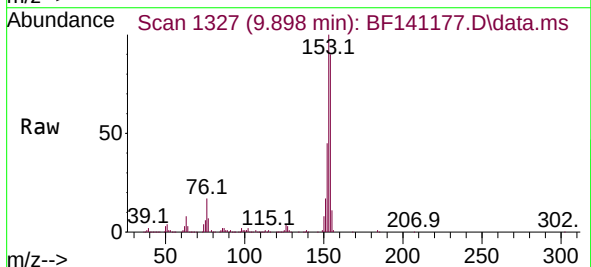
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

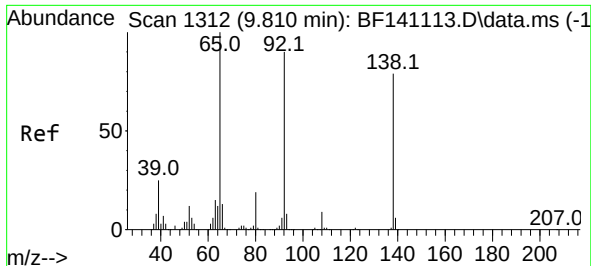
Tgt Ion:165 Resp: 184885
Ion Ratio Lower Upper
165 100
63 55.3 42.3 63.5
89 55.0 43.1 64.7



#52
Acenaphthene
Concen: 38.818 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

Tgt Ion:154 Resp: 719005
Ion Ratio Lower Upper
154 100
153 110.6 89.8 134.6
152 50.1 40.8 61.2

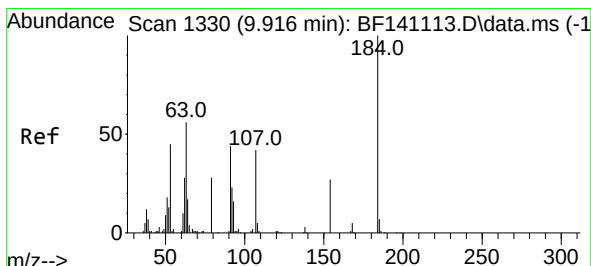
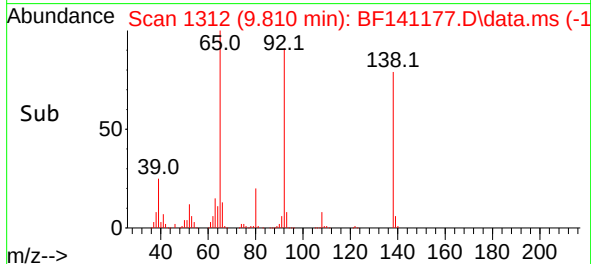
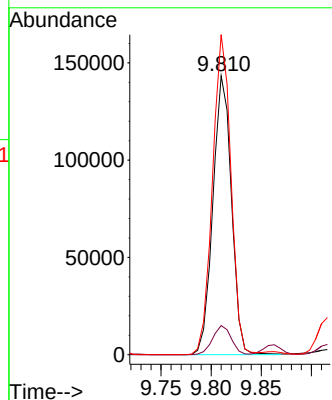
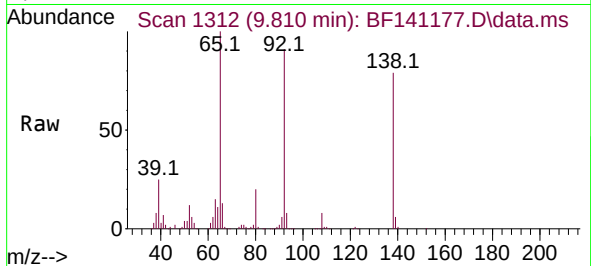




#53
3-Nitroaniline
Concen: 37.891 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

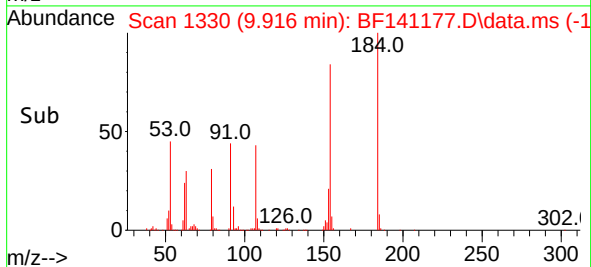
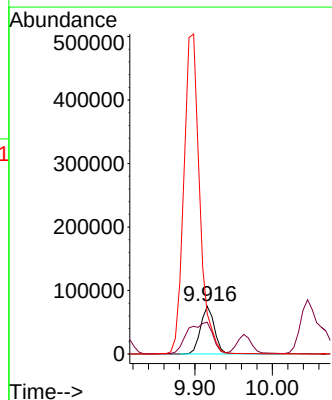
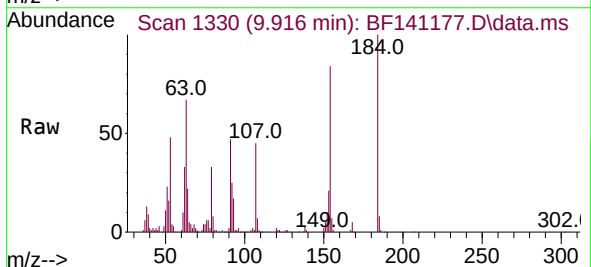
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

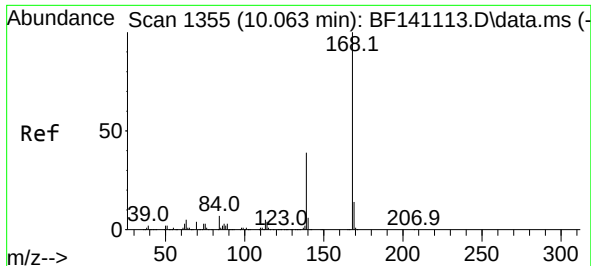
Tgt Ion:138 Resp: 184415
Ion Ratio Lower Upper
138 100
108 10.4 8.8 13.2
92 114.7 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 41.509 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

Tgt Ion:184 Resp: 94494
Ion Ratio Lower Upper
184 100
63 66.6 48.7 73.1
154 84.2 57.1 85.7

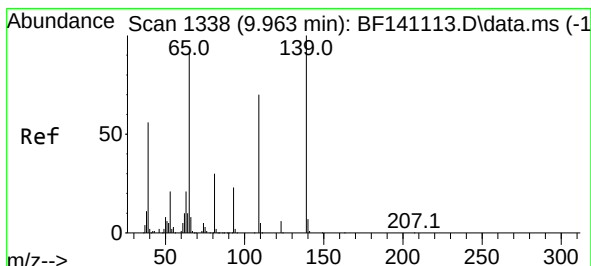
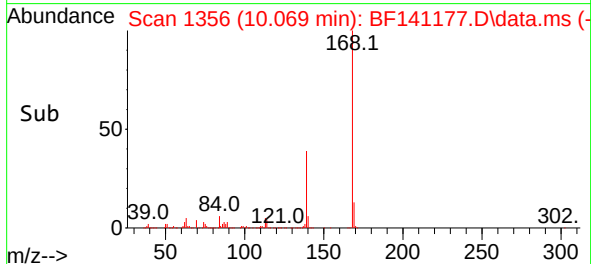
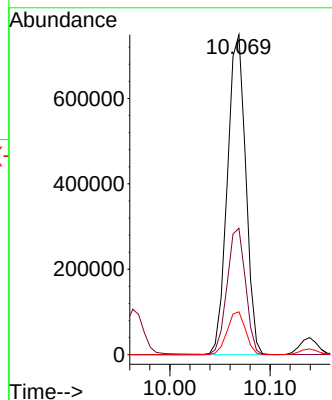
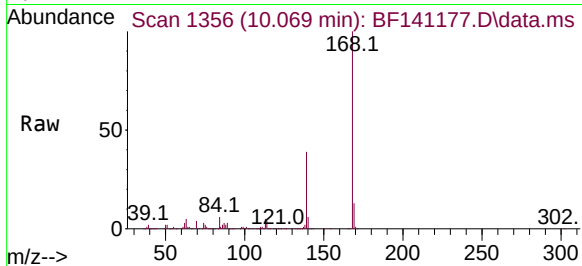




#55
Dibenzenofuran
Concen: 37.820 ng
RT: 10.069 min Scan# 1356
Delta R.T. 0.006 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

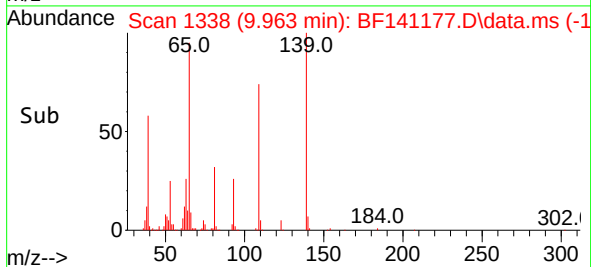
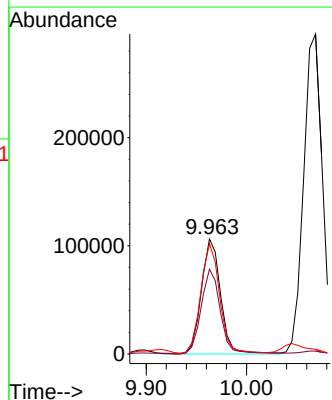
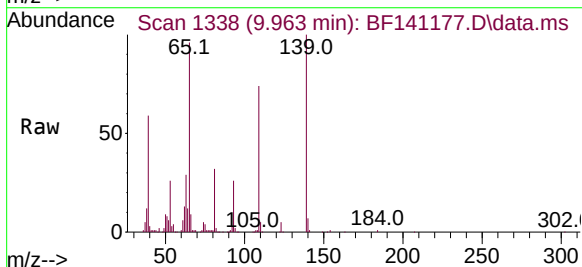
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

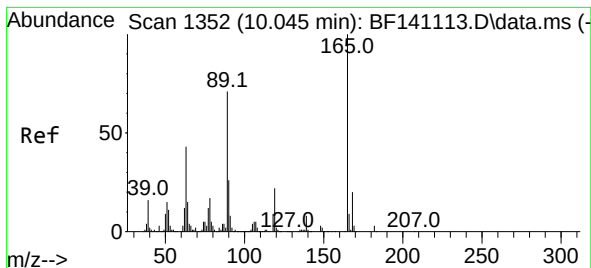
Tgt Ion:168 Resp: 952828
Ion Ratio Lower Upper
168 100
139 39.5 31.4 47.0
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 37.319 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

Tgt Ion:139 Resp: 142248
Ion Ratio Lower Upper
139 100
109 73.7 50.2 90.2
65 96.0 72.1 112.1

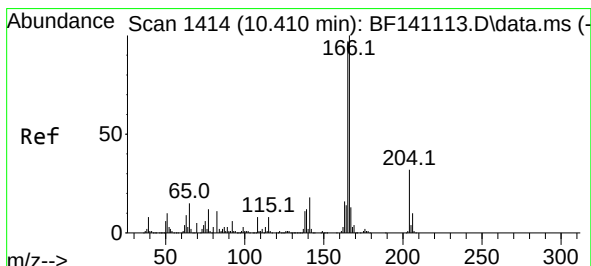
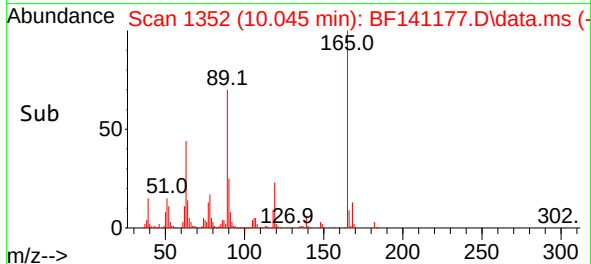
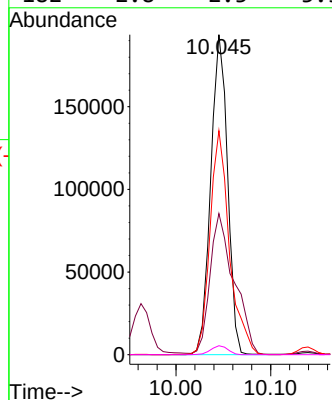
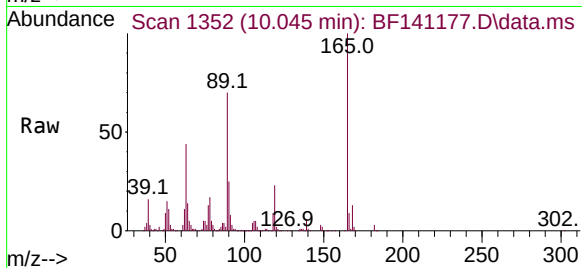




#57
2,4-Dinitrotoluene
Concen: 38.724 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

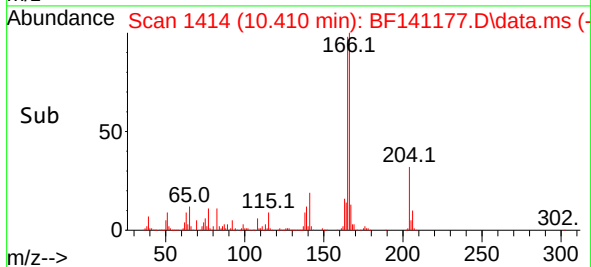
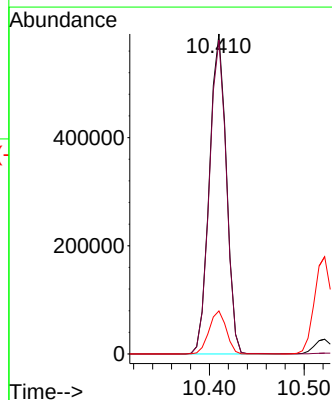
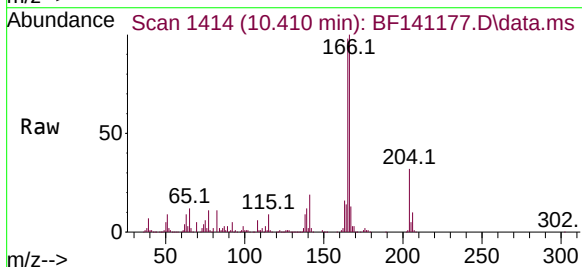
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

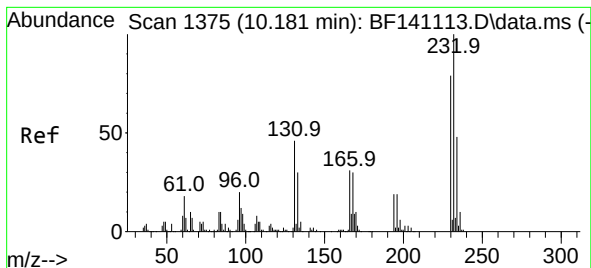
Tgt Ion:165 Resp: 239012
Ion Ratio Lower Upper
165 100
63 44.1 35.0 52.4
89 70.0 56.7 85.1
182 2.8 2.3 3.5



#58
Fluorene
Concen: 37.619 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

Tgt Ion:166 Resp: 736330
Ion Ratio Lower Upper
166 100
165 98.1 77.8 116.8
167 13.5 10.8 16.2

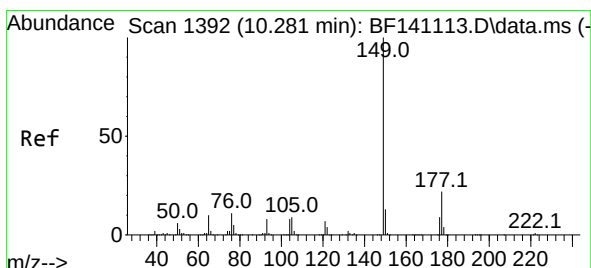
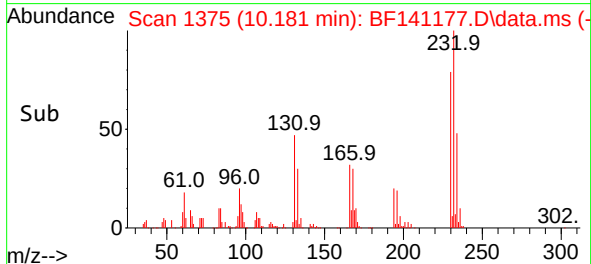
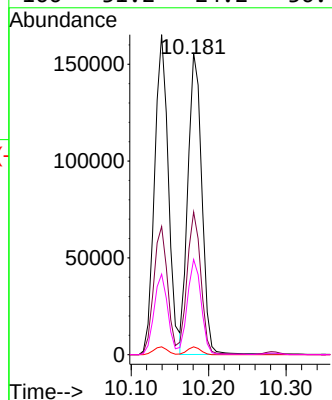
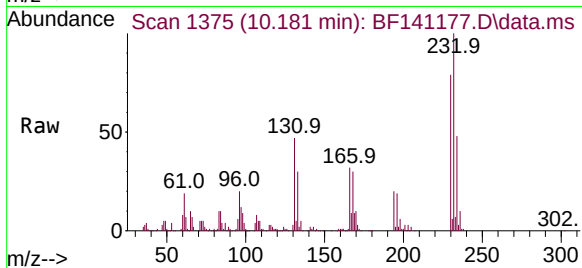




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.093 ng
RT: 10.181 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

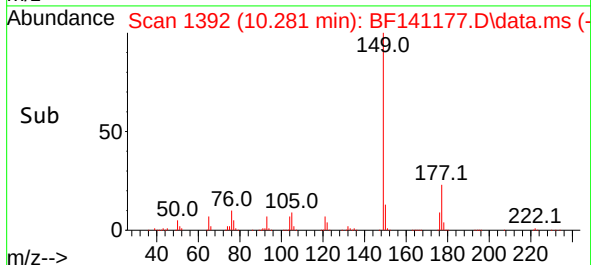
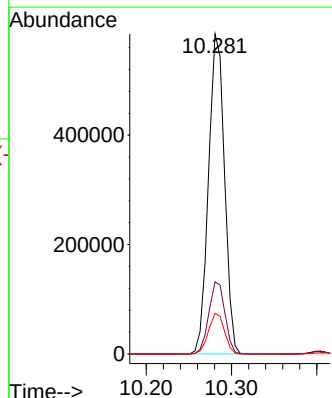
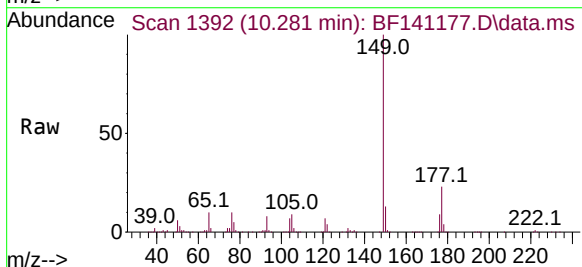
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

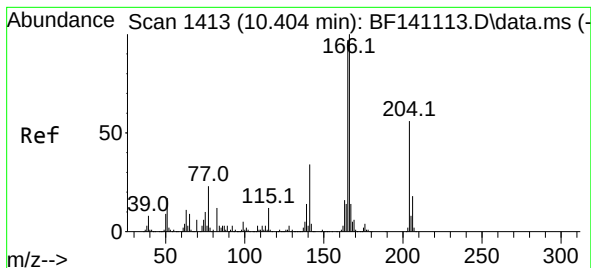
Tgt Ion:232 Resp: 193373
Ion Ratio Lower Upper
232 100
131 47.4 36.2 54.4
130 2.5 2.0 3.0
166 31.2 24.2 36.4



#60
Diethylphthalate
Concen: 37.910 ng
RT: 10.281 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

Tgt Ion:149 Resp: 762235
Ion Ratio Lower Upper
149 100
177 22.6 17.9 26.9
150 12.7 10.2 15.2

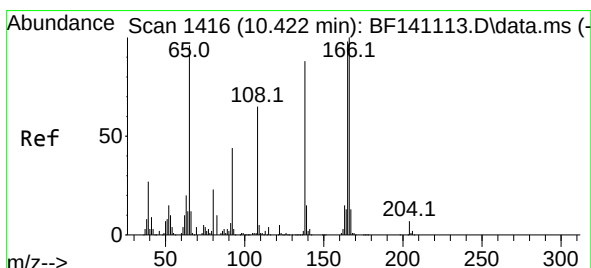
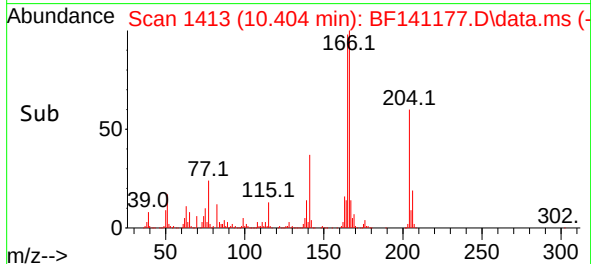
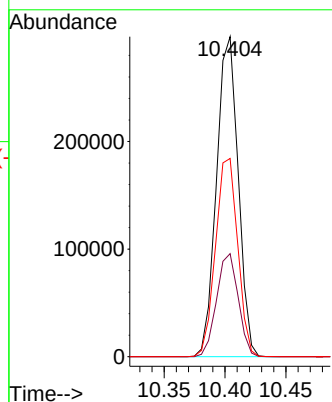
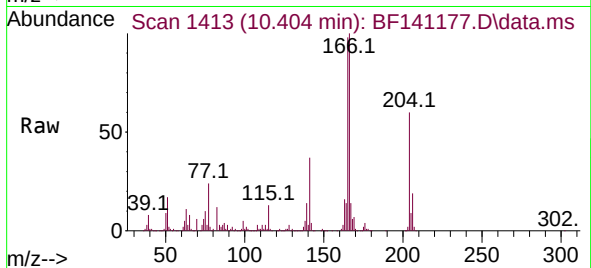




#61
4-Chlorophenyl-phenylether
Concen: 38.643 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

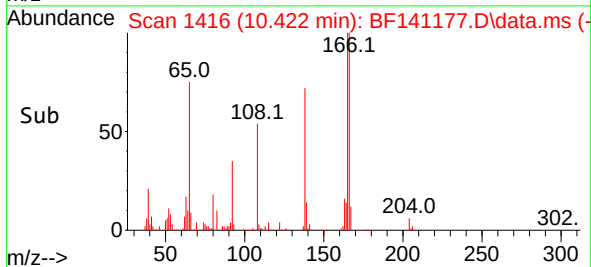
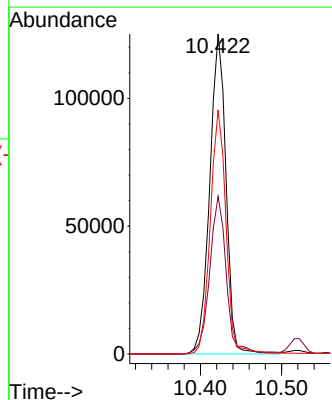
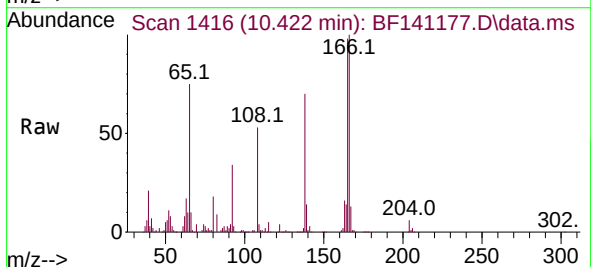
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

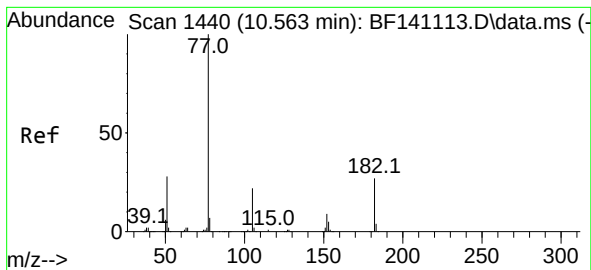
Tgt Ion:204 Resp: 368642
Ion Ratio Lower Upper
204 100
206 32.2 25.9 38.9
141 62.0 49.1 73.7



#62
4-Nitroaniline
Concen: 36.544 ng
RT: 10.422 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

Tgt Ion:138 Resp: 174083
Ion Ratio Lower Upper
138 100
92 49.2 29.4 69.4
108 76.2 53.7 93.7

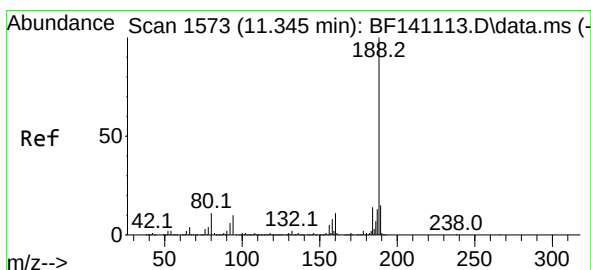
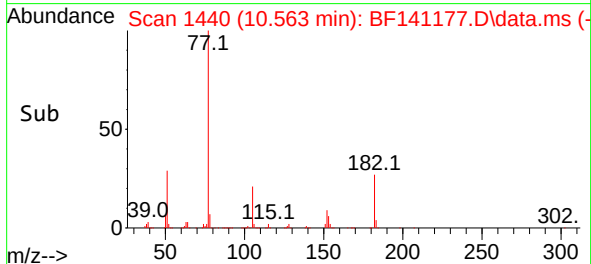
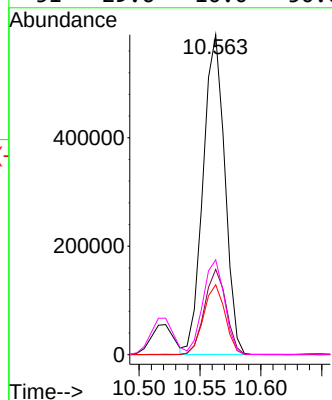
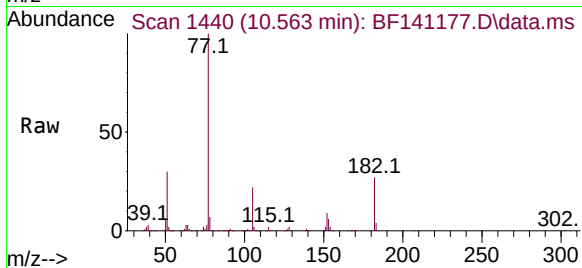




#63
Azobenzene
Concen: 36.811 ng
RT: 10.563 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

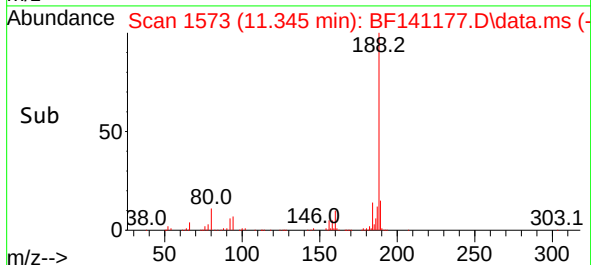
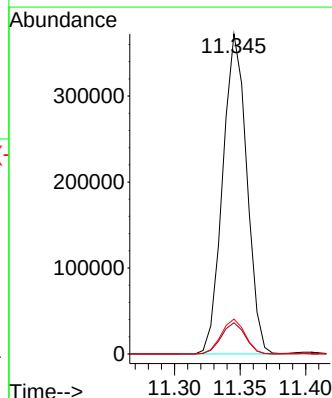
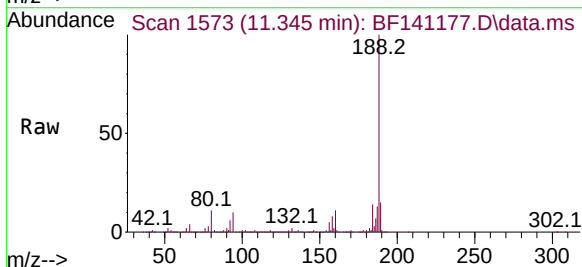
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

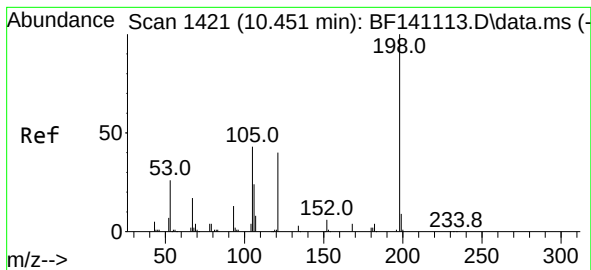
Tgt Ion: 77	Resp: 730307
Ion Ratio	Lower Upper
77 100	
182 26.7	6.1 46.1
105 21.8	2.1 42.1
51 29.6	10.0 50.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

Tgt Ion:188	Resp: 475484		
Ion Ratio	Lower	Upper	
188 100			
94 9.7	8.3	12.5	
80 10.9	9.0	13.4	

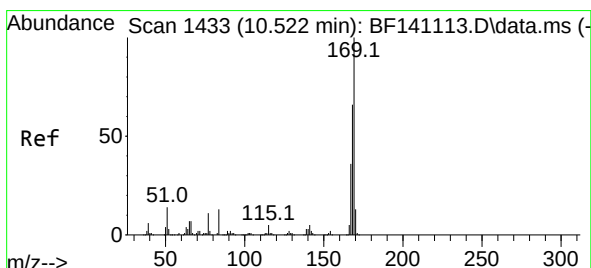
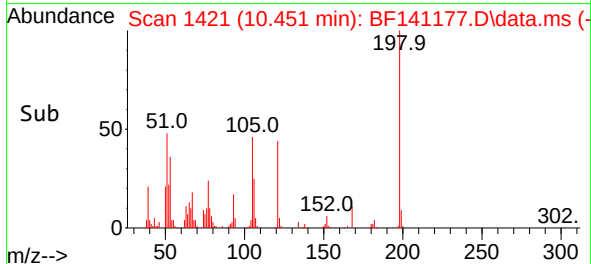
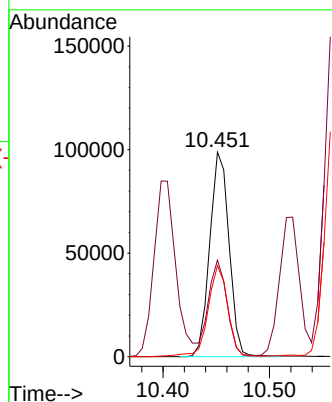
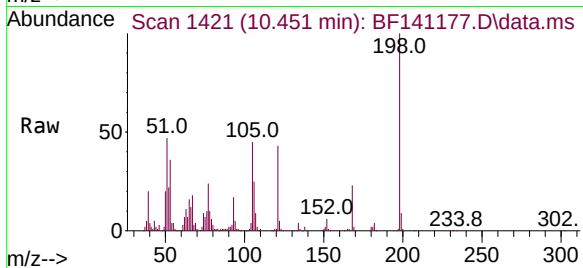




#65
4,6-Dinitro-2-methylphenol
Concen: 45.140 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

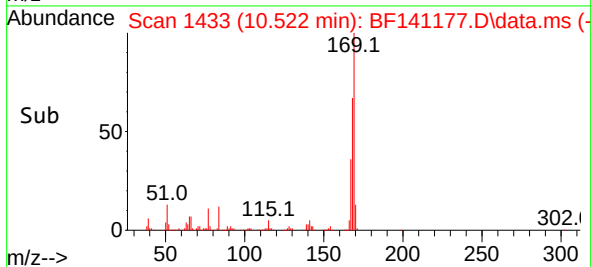
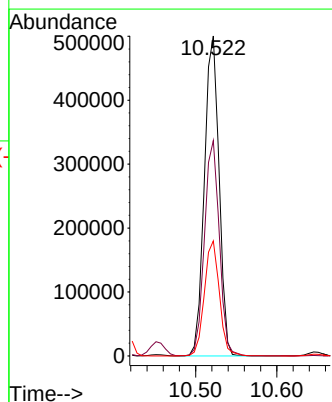
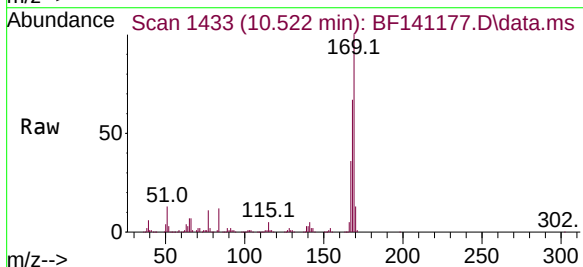
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

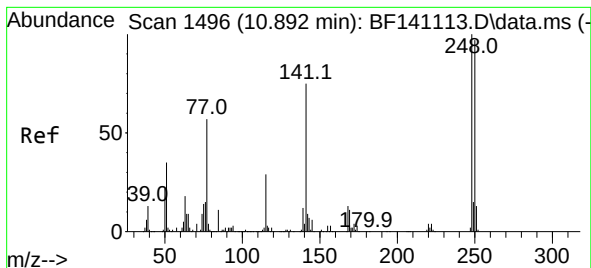
Tgt Ion:198 Resp: 124375
Ion Ratio Lower Upper
198 100
51 47.2 27.1 67.1
105 44.5 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 40.942 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

Tgt Ion:169 Resp: 627905
Ion Ratio Lower Upper
169 100
168 67.3 52.5 78.7
167 36.0 28.9 43.3

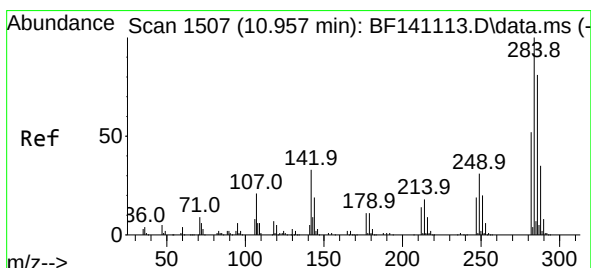
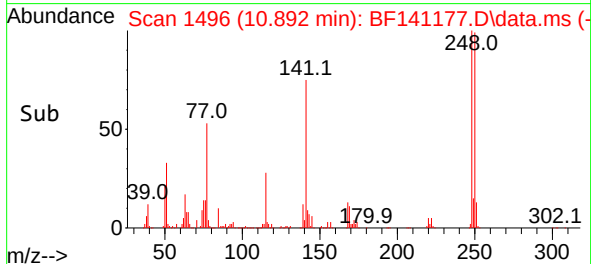
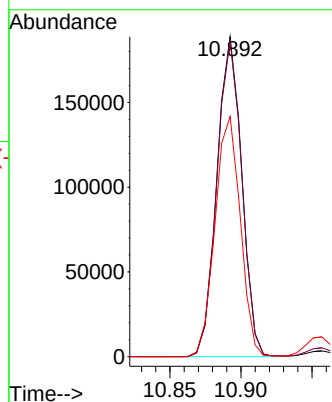
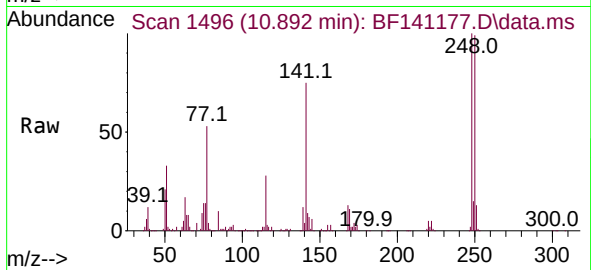




#67
4-Bromophenyl-phenylether
Concen: 42.040 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

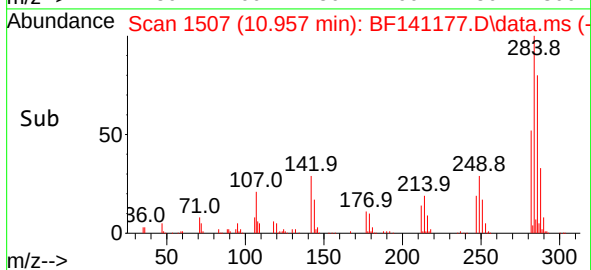
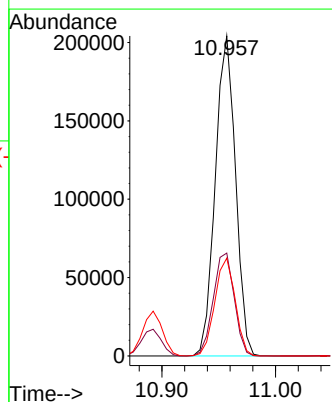
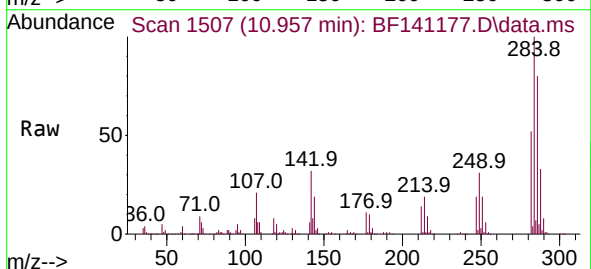
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

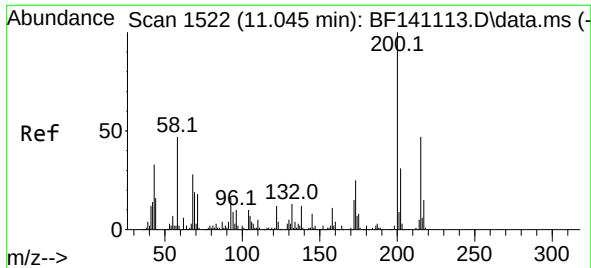
Tgt Ion:248 Resp: 230138
Ion Ratio Lower Upper
248 100
250 98.7 77.9 116.9
141 75.1 59.9 89.9



#68
Hexachlorobenzene
Concen: 41.461 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

Tgt Ion:284 Resp: 252658
Ion Ratio Lower Upper
284 100
142 32.1 26.3 39.5
249 30.5 24.9 37.3

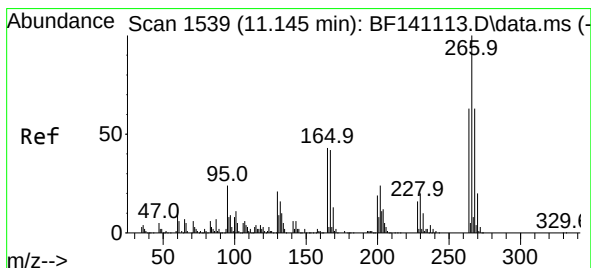
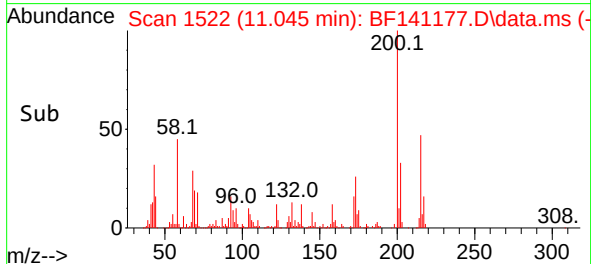
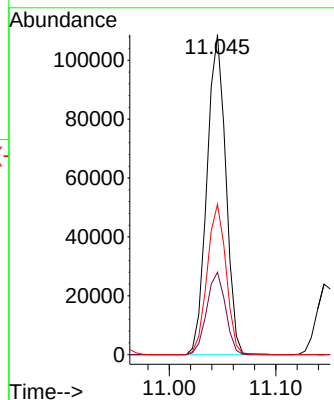
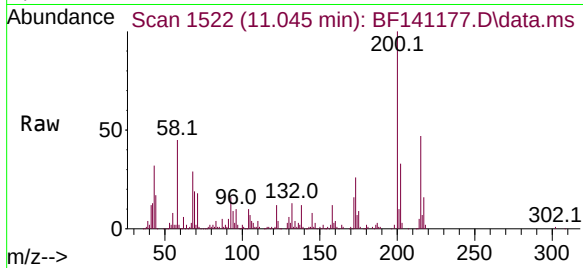




#69
 Atrazine
 Concen: 32.424 ng
 RT: 11.045 min Scan# 1522
 Delta R.T. 0.000 min
 Lab File: BF141177.D
 Acq: 15 Jan 2025 17:10

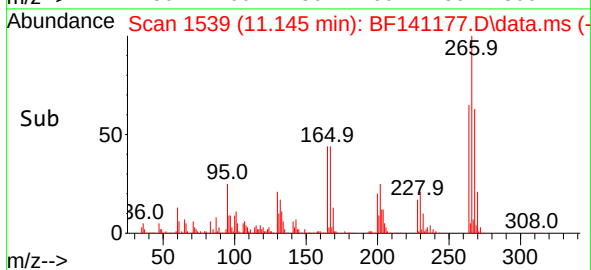
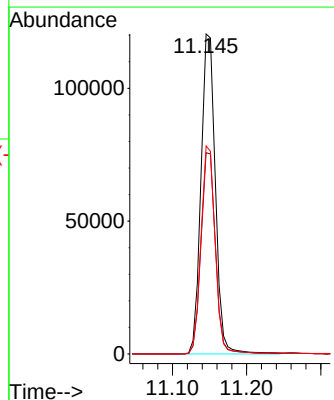
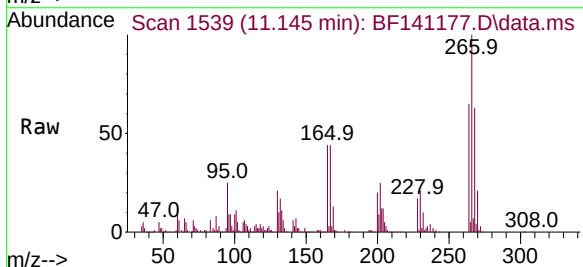
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

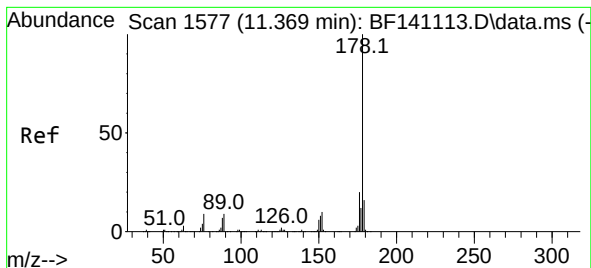
Tgt Ion:200 Resp: 133894
 Ion Ratio Lower Upper
 200 100
 173 25.7 5.4 45.4
 215 47.0 26.6 66.6



#70
 Pentachlorophenol
 Concen: 41.683 ng
 RT: 11.145 min Scan# 1539
 Delta R.T. 0.000 min
 Lab File: BF141177.D
 Acq: 15 Jan 2025 17:10

Tgt Ion:266 Resp: 162667
 Ion Ratio Lower Upper
 266 100
 268 62.9 50.4 75.6
 264 65.0 50.2 75.2





#71

Phenanthrene

Concen: 39.531 ng

RT: 11.369 min Scan# 1577

Delta R.T. 0.000 min

Lab File: BF141177.D

Acq: 15 Jan 2025 17:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

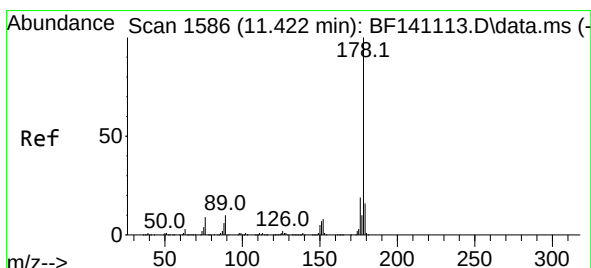
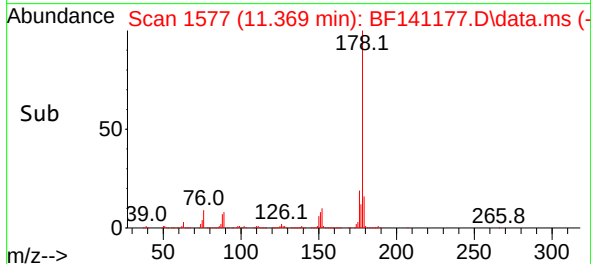
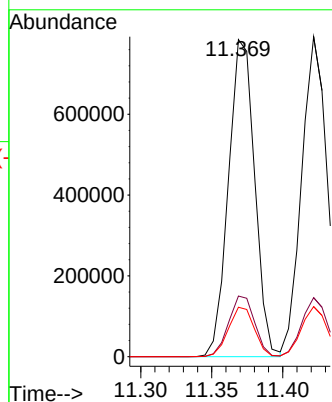
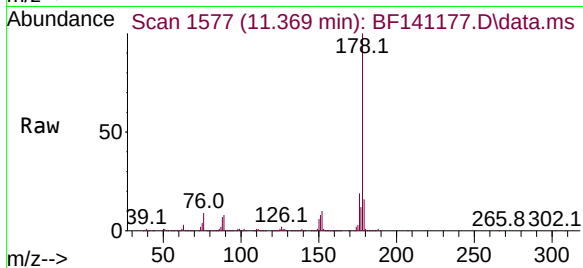
Tgt Ion:178 Resp: 1009123

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

179 15.6 12.6 19.0



#72

Anthracene

Concen: 39.754 ng

RT: 11.422 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF141177.D

Acq: 15 Jan 2025 17:10

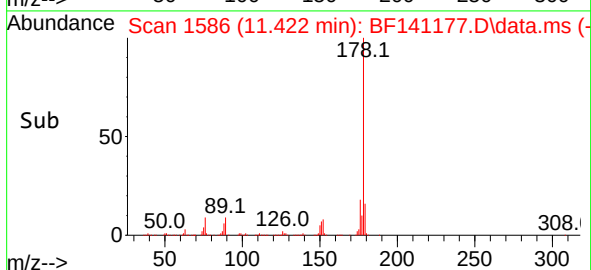
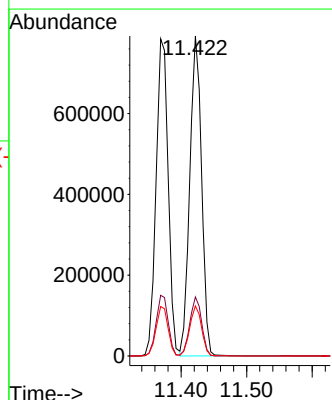
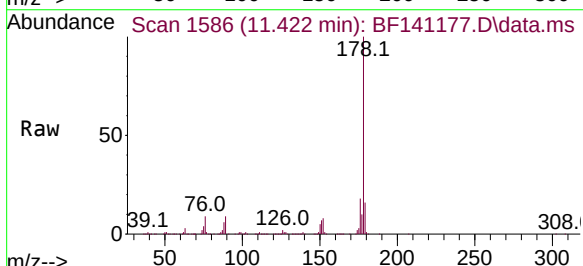
Tgt Ion:178 Resp: 986753

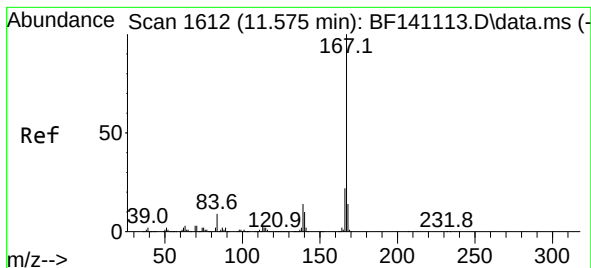
Ion Ratio Lower Upper

178 100

176 18.4 14.9 22.3

179 15.7 12.6 19.0





#73

Carbazole

Concen: 38.847 ng

RT: 11.575 min Scan# 1612

Delta R.T. 0.000 min

Lab File: BF141177.D

Acq: 15 Jan 2025 17:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

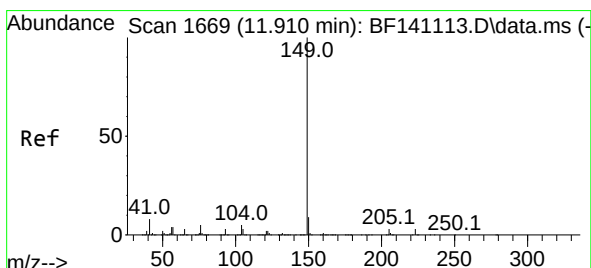
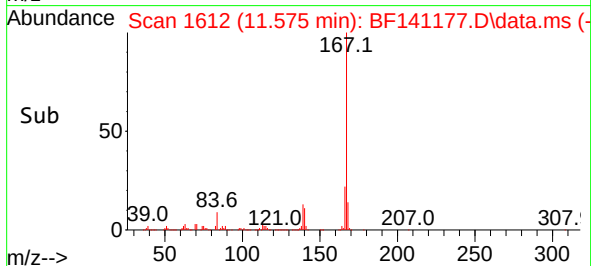
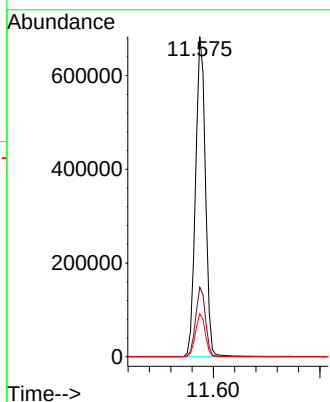
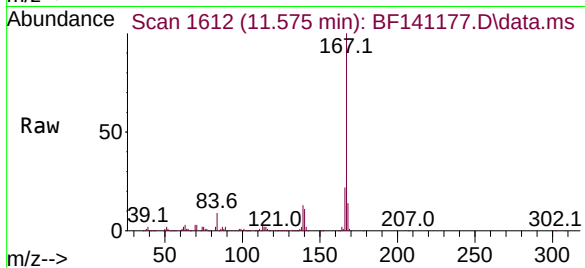
Tgt Ion:167 Resp: 884138

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.2

139 13.4 10.9 16.3



#74

Di-n-butylphthalate

Concen: 40.312 ng

RT: 11.910 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BF141177.D

Acq: 15 Jan 2025 17:10

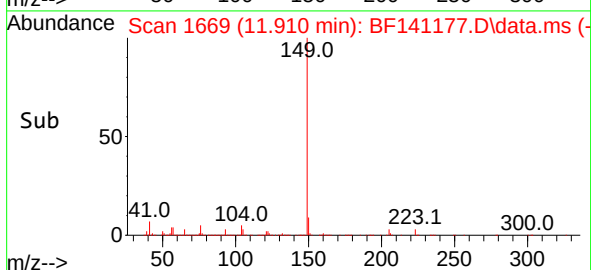
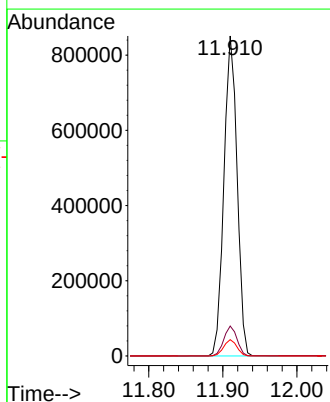
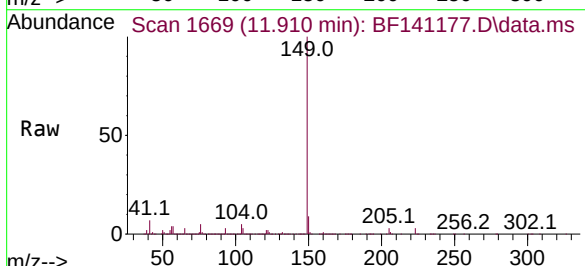
Tgt Ion:149 Resp: 1049973

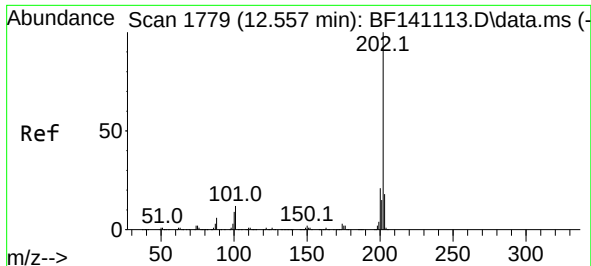
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 5.1 4.2 6.2

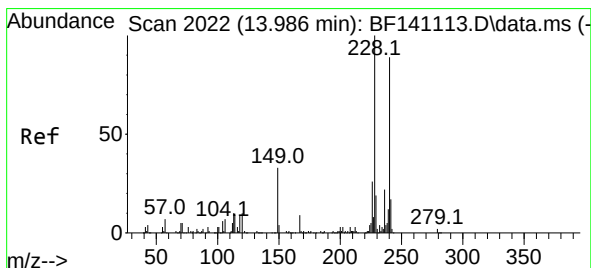
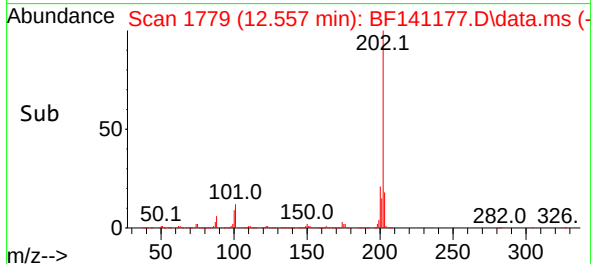
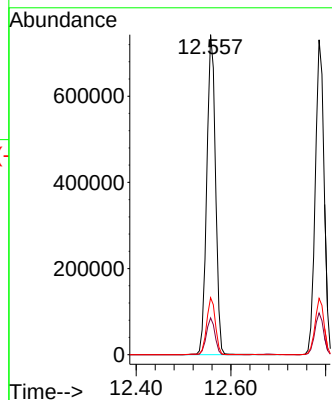
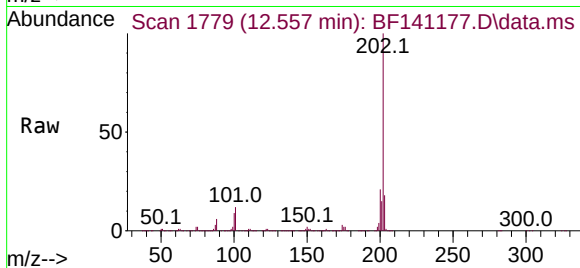




#75
Fluoranthene
Concen: 37.511 ng
RT: 12.557 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

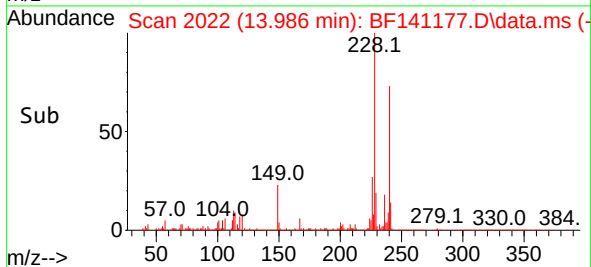
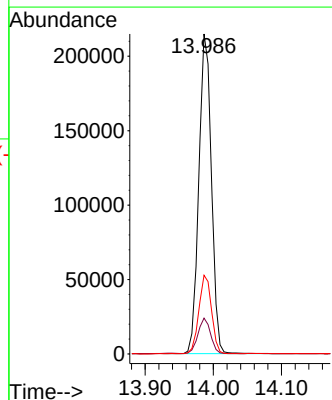
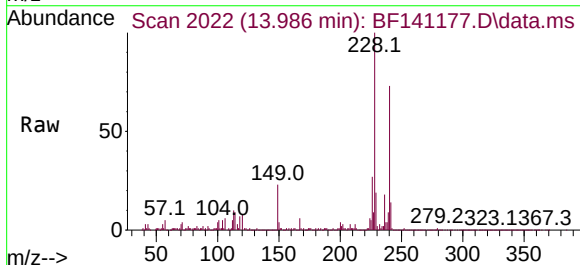
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

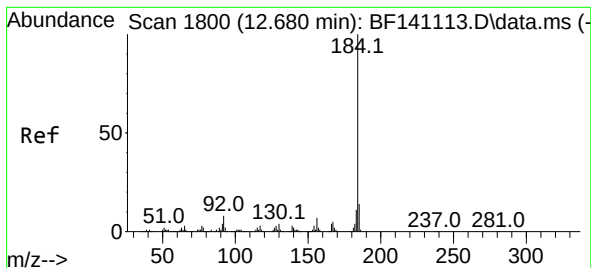
Tgt Ion:202 Resp: 955547
Ion Ratio Lower Upper
202 100
101 11.5 0.0 32.3
203 17.8 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

Tgt Ion:240 Resp: 274637
Ion Ratio Lower Upper
240 100
120 11.2 9.1 13.7
236 24.6 19.8 29.6





#77

Benzidine

Concen: 49.233 ng

RT: 12.680 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BF141177.D

Acq: 15 Jan 2025 17:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

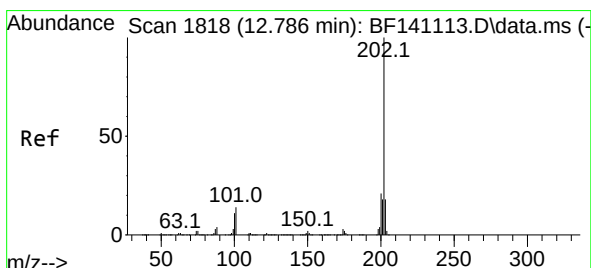
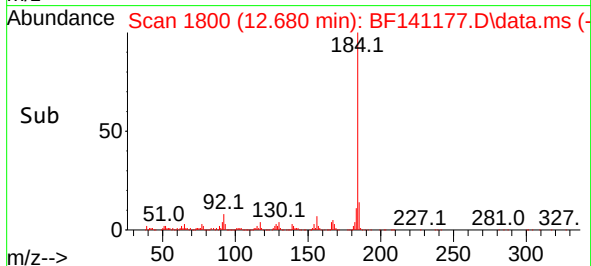
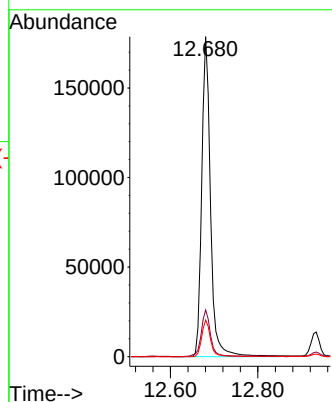
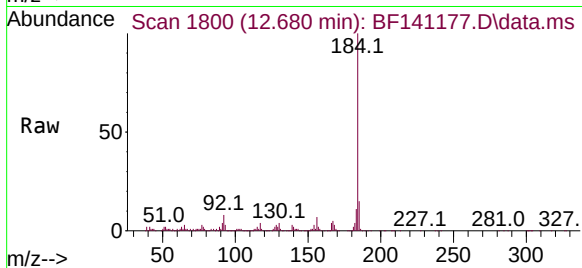
Tgt Ion:184 Resp: 250742

Ion Ratio Lower Upper

184 100

185 14.6 11.4 17.0

183 11.5 9.2 13.8



#78

Pyrene

Concen: 35.920 ng

RT: 12.786 min Scan# 1818

Delta R.T. 0.000 min

Lab File: BF141177.D

Acq: 15 Jan 2025 17:10

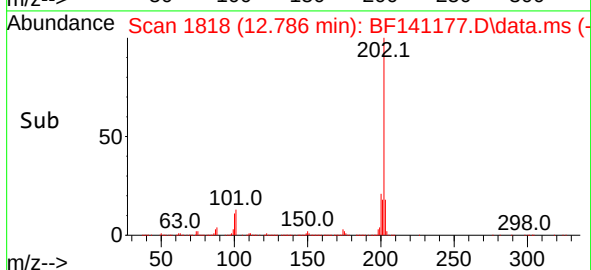
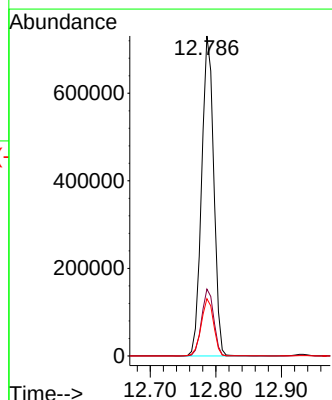
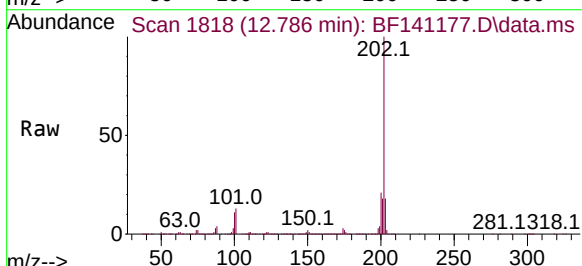
Tgt Ion:202 Resp: 942221

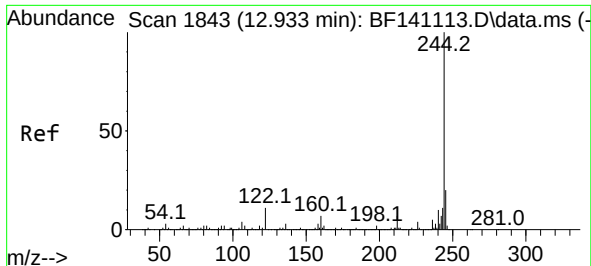
Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

203 17.9 14.3 21.5

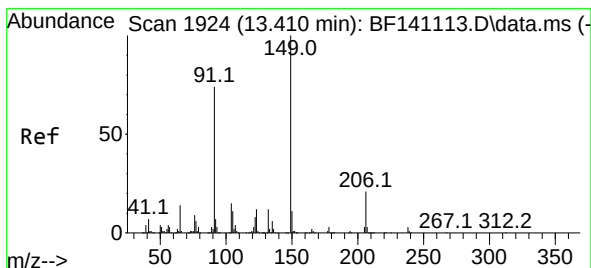
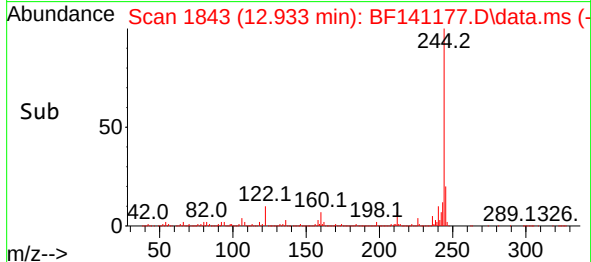
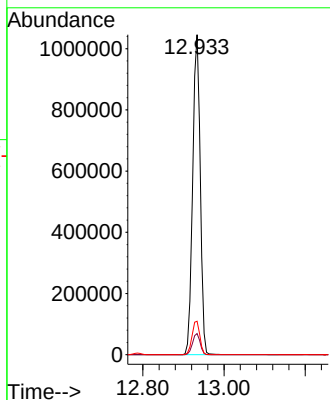
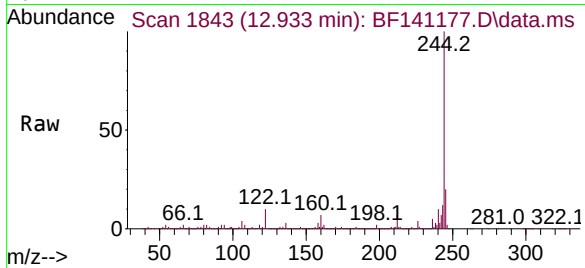




#79
 Terphenyl-d14
 Concen: 73.438 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. 0.000 min
 Lab File: BF141177.D
 Acq: 15 Jan 2025 17:10

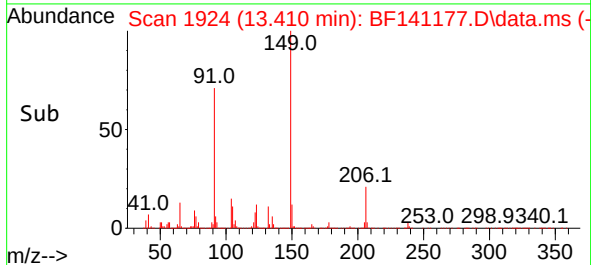
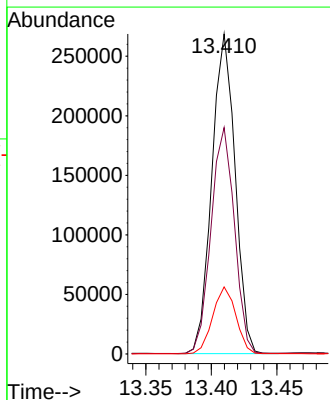
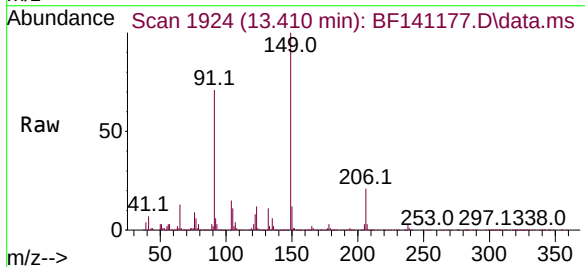
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

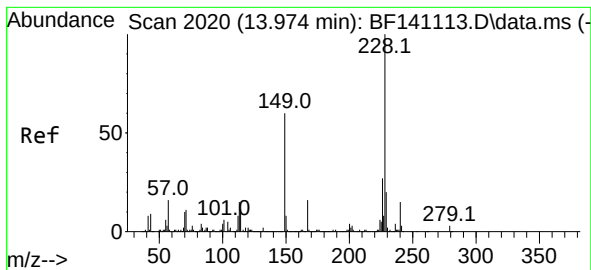
Tgt Ion:244 Resp: 1356978
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.5 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 37.832 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: BF141177.D
 Acq: 15 Jan 2025 17:10

Tgt Ion:149 Resp: 330866
 Ion Ratio Lower Upper
 149 100
 91 70.8 59.0 88.6
 206 20.9 16.5 24.7





#81

Benzo(a)anthracene

Concen: 37.640 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF141177.D

Acq: 15 Jan 2025 17:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

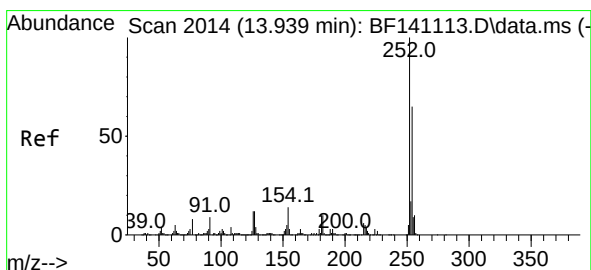
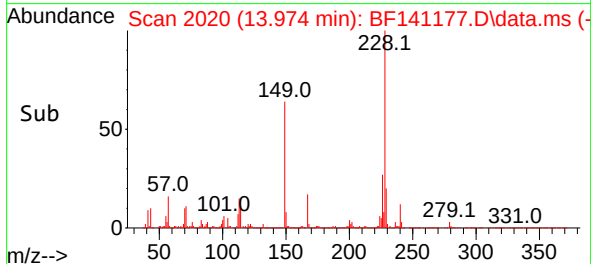
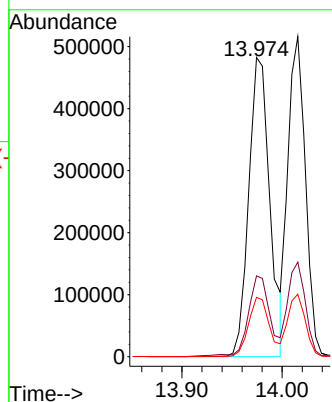
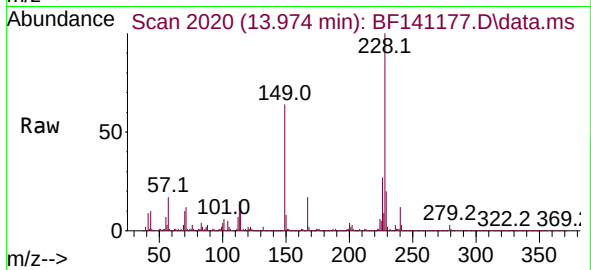
Tgt Ion:228 Resp: 703511

Ion Ratio Lower Upper

228 100

226 27.0 21.7 32.5

229 19.9 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 40.302 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF141177.D

Acq: 15 Jan 2025 17:10

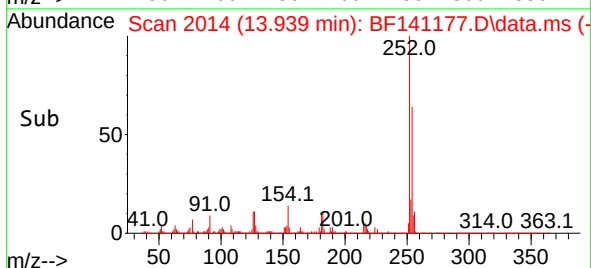
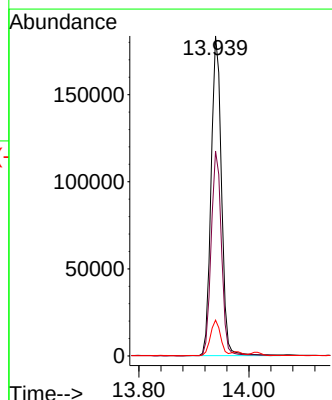
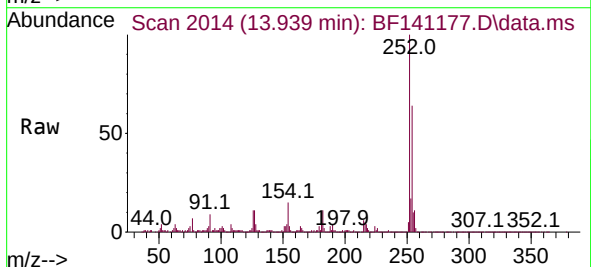
Tgt Ion:252 Resp: 239857

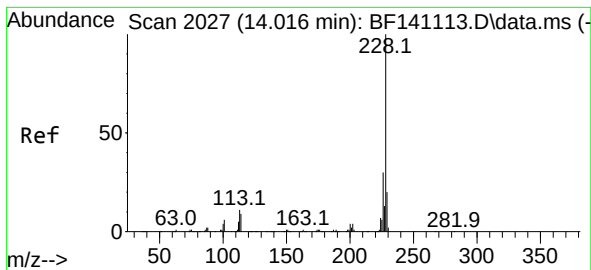
Ion Ratio Lower Upper

252 100

254 64.1 52.0 78.0

126 11.2 9.4 14.0





#83

Chrysene

Concen: 35.829 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF141177.D

Acq: 15 Jan 2025 17:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

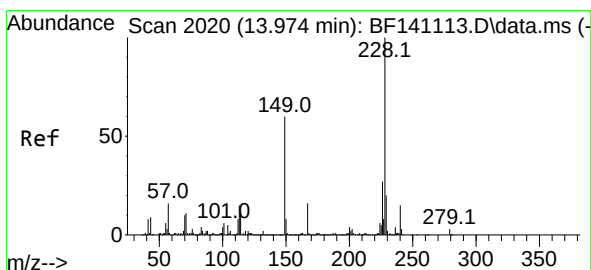
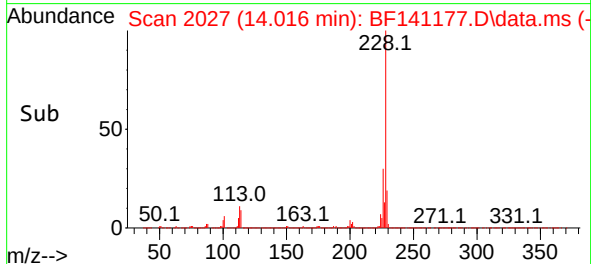
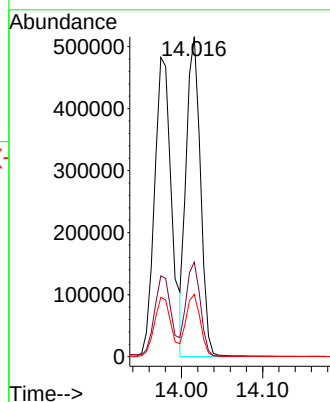
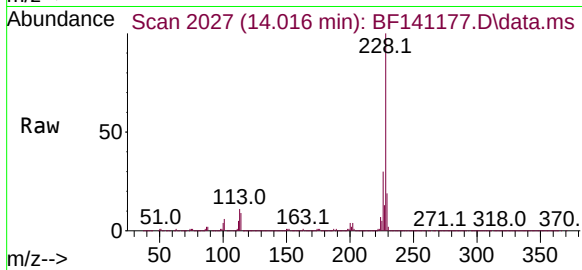
Tgt Ion:228 Resp: 626608

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.8

229 19.5 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.265 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF141177.D

Acq: 15 Jan 2025 17:10

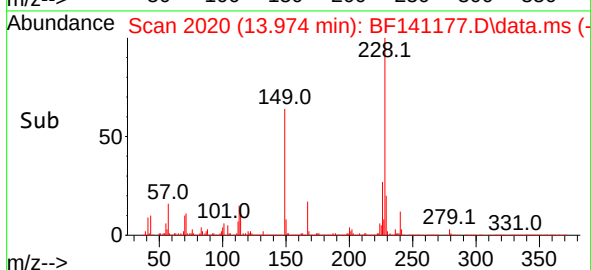
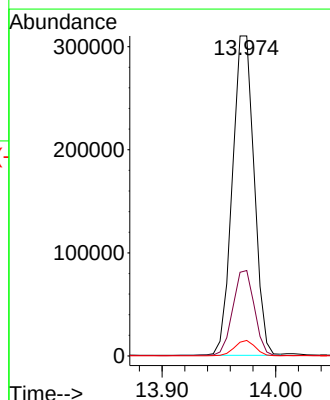
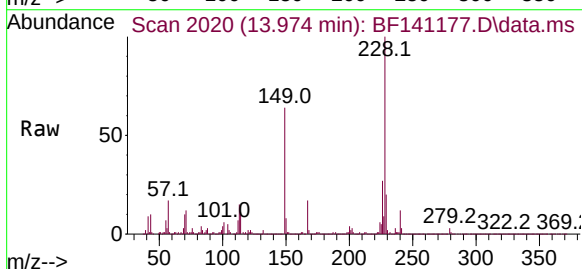
Tgt Ion:149 Resp: 412028

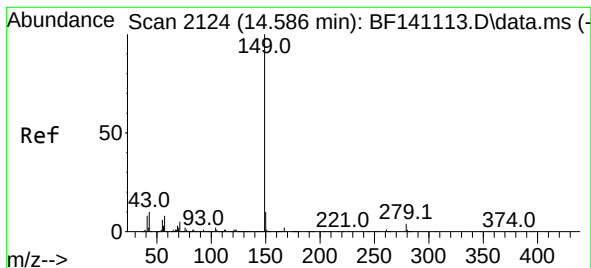
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.2

279 4.8 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 42.747 ng

RT: 14.598 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF141177.D

Acq: 15 Jan 2025 17:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

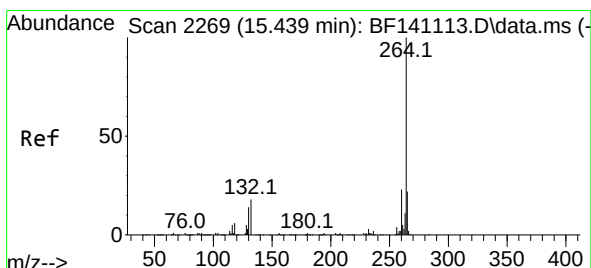
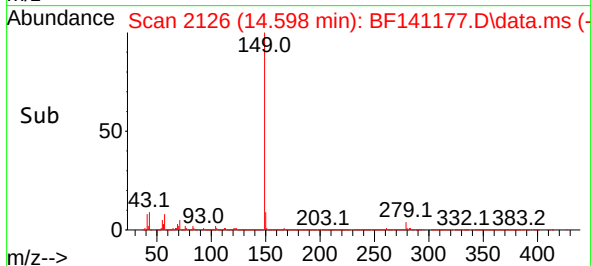
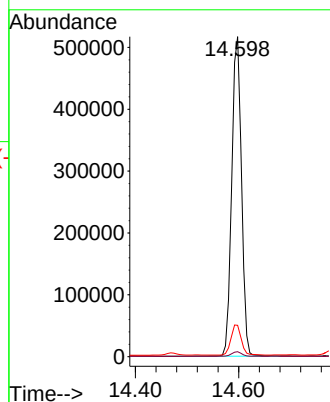
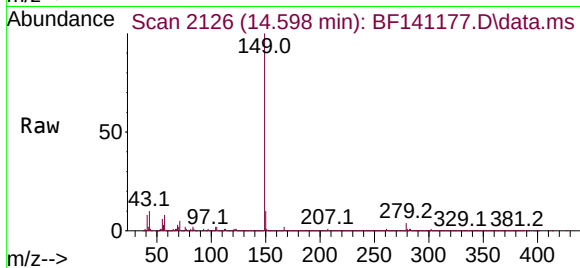
Tgt Ion:149 Resp: 677367

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.0 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2272

Delta R.T. 0.018 min

Lab File: BF141177.D

Acq: 15 Jan 2025 17:10

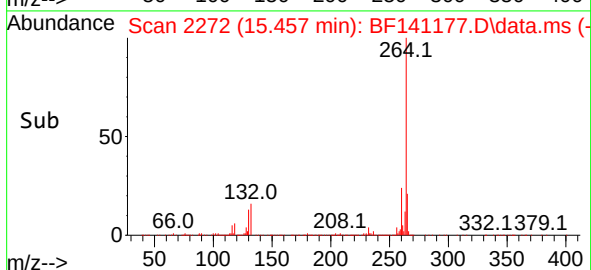
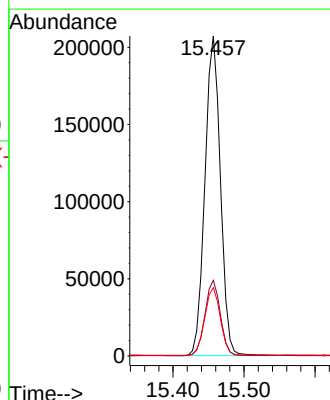
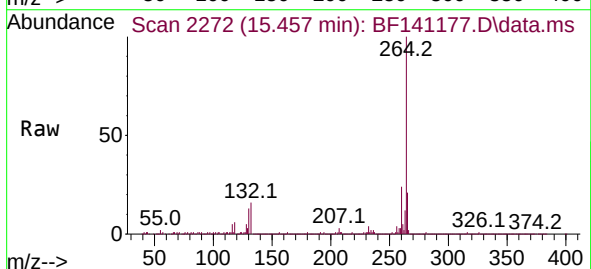
Tgt Ion:264 Resp: 314579

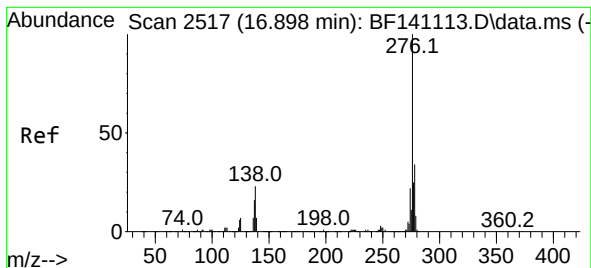
Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.868 ng

RT: 16.921 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF141177.D

Acq: 15 Jan 2025 17:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

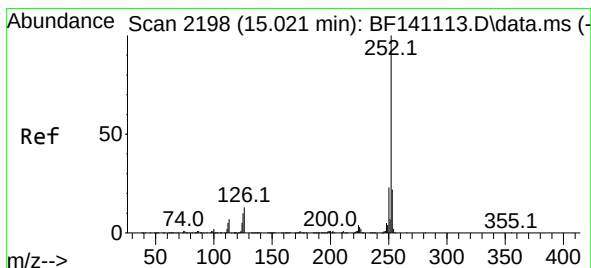
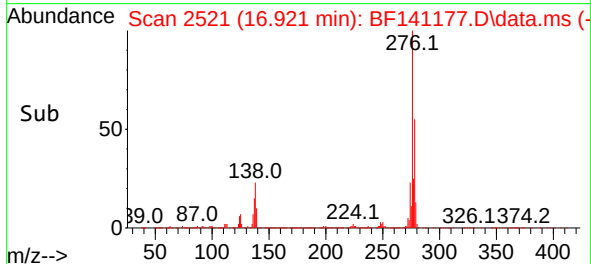
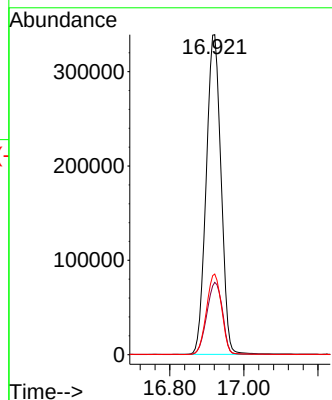
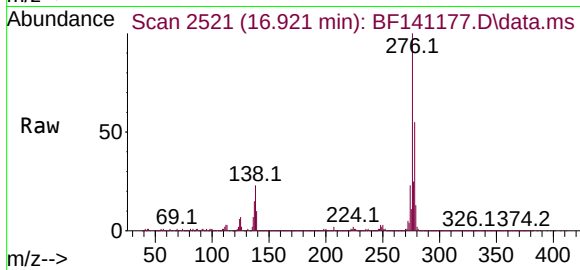
Tgt Ion:276 Resp: 941894

Ion Ratio Lower Upper

276 100

138 23.9 20.7 31.1

277 25.6 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 35.156 ng

RT: 15.033 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF141177.D

Acq: 15 Jan 2025 17:10

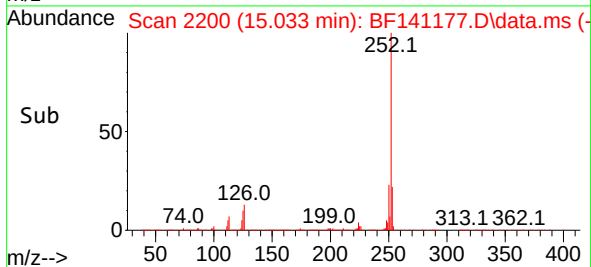
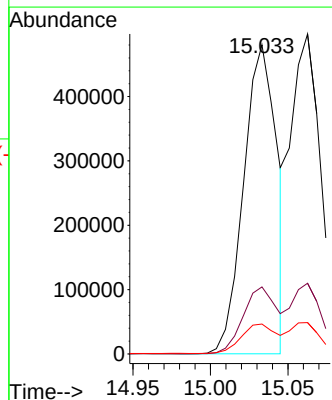
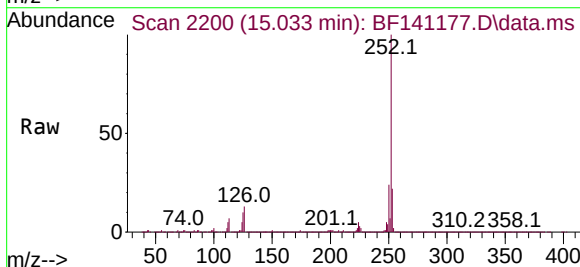
Tgt Ion:252 Resp: 713140

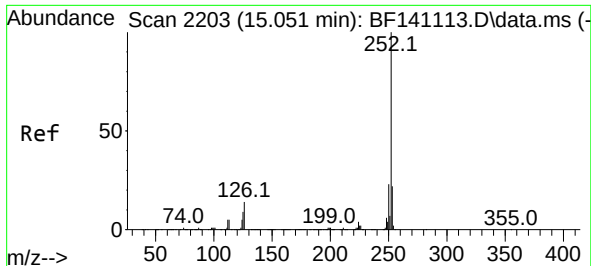
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 9.7 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 39.154 ng

RT: 15.063 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF141177.D

Acq: 15 Jan 2025 17:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

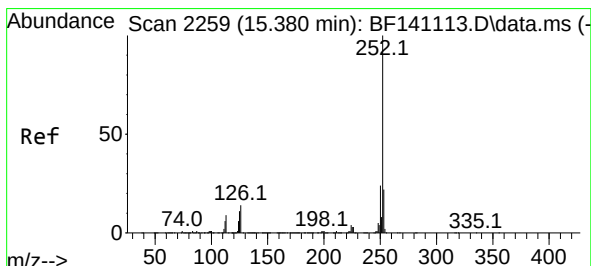
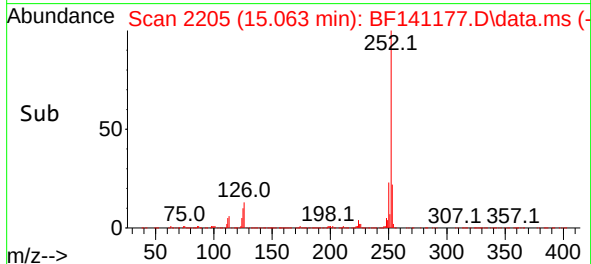
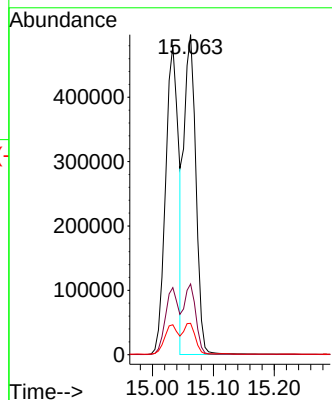
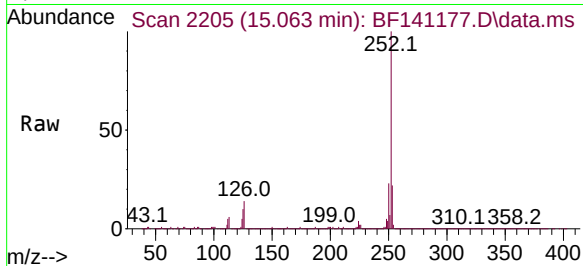
Tgt Ion:252 Resp: 671197

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 9.8 7.9 11.9



#90

Benzo(a)pyrene

Concen: 38.211 ng

RT: 15.398 min Scan# 2262

Delta R.T. 0.018 min

Lab File: BF141177.D

Acq: 15 Jan 2025 17:10

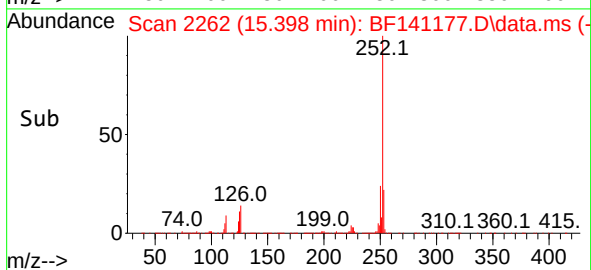
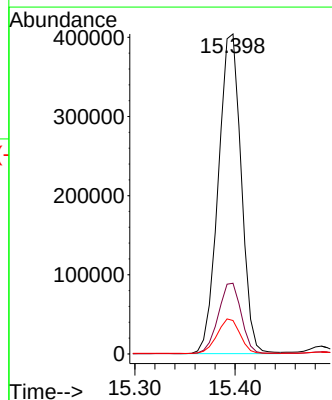
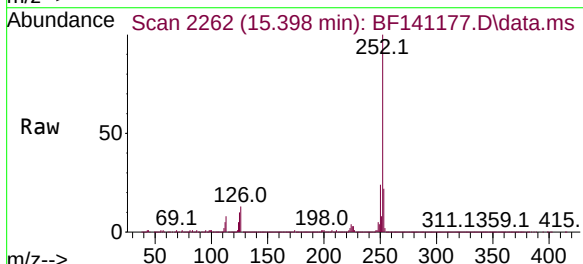
Tgt Ion:252 Resp: 639515

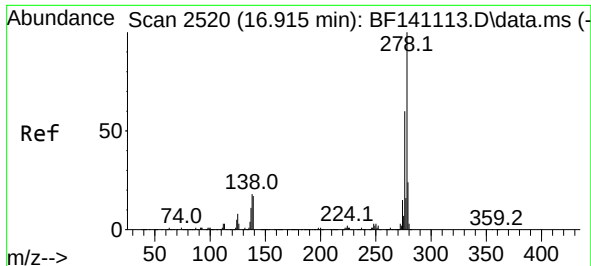
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.4 9.1 13.7

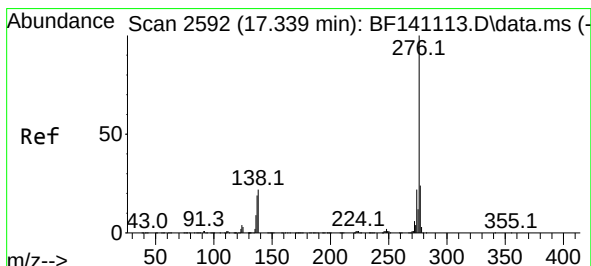
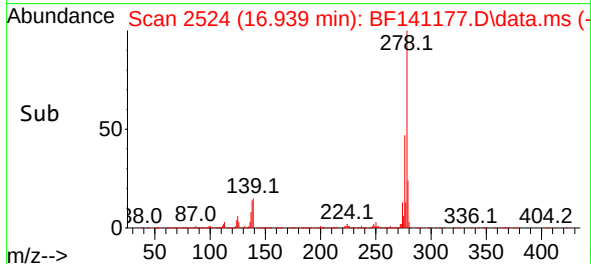
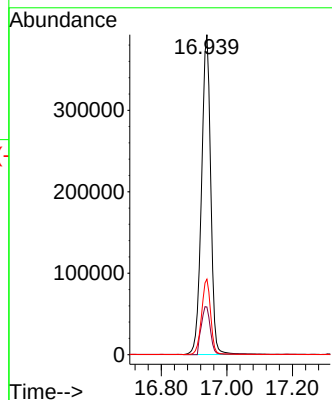
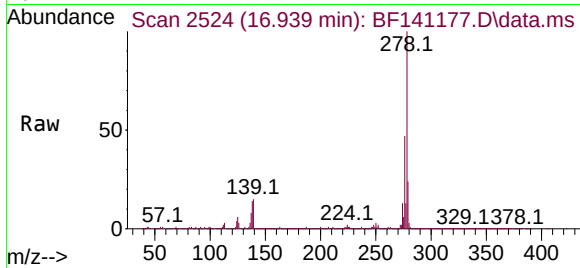




#91
Dibenzo(a,h)anthracene
Concen: 41.249 ng
RT: 16.939 min Scan# 2520
Delta R.T. 0.024 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:278 Resp: 768910
Ion Ratio Lower Upper
278 100
139 14.9 13.8 20.6
279 23.6 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 41.379 ng
RT: 17.357 min Scan# 2595
Delta R.T. 0.018 min
Lab File: BF141177.D
Acq: 15 Jan 2025 17:10

Tgt Ion:276 Resp: 802295
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 20.5 17.4 26.2

