

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
 Data File : BF143177.D
 Acq On : 22 Jul 2025 08:46
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 22 11:12:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	137586	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	540273	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	287067	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	481775	20.000	ng	0.00
76) Chrysene-d12	14.127	240	251217	20.000	ng	0.00
86) Perylene-d12	15.633	264	256275	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	677807	77.959	ng	0.00
7) Phenol-d6	6.587	99	854417	78.075	ng	0.00
23) Nitrobenzene-d5	7.522	82	865138	79.820	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	246542	83.135	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1563287	74.477	ng	0.00
79) Terphenyl-d14	13.069	244	1456637	86.285	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.822	88	160989	39.132	ng	99
3) Pyridine	3.593	79	412780	38.657	ng	100
4) n-Nitrosodimethylamine	3.534	42	217539	39.459	ng	100
6) Aniline	6.628	93	597655	39.186	ng	99
8) 2-Chlorophenol	6.751	128	362170	39.740	ng	97
9) Benzaldehyde	6.522	77	1059534	129.116	ng	98
10) Phenol	6.598	94	494165	41.450	ng	98
11) bis(2-Chloroethyl)ether	6.692	93	355973	38.997	ng	99
12) 1,3-Dichlorobenzene	6.910	146	386885	39.079	ng	98
13) 1,4-Dichlorobenzene	6.981	146	392969	39.415	ng	100
14) 1,2-Dichlorobenzene	7.134	146	374905	39.536	ng	99
15) Benzyl Alcohol	7.098	79	336956	40.325	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	670842	39.617	ng	99
17) 2-Methylphenol	7.210	107	304327	39.715	ng	99
18) Hexachloroethane	7.481	117	139222	40.337	ng	98
19) n-Nitroso-di-n-propyla...	7.375	70	272545	38.818	ng	98
20) 3+4-Methylphenols	7.363	107	379841	40.856	ng	# 84
22) Acetophenone	7.369	105	488181	38.166	ng	98
24) Nitrobenzene	7.545	77	403502	39.931	ng	100
25) Isophorone	7.781	82	753928	39.403	ng	100
26) 2-Nitrophenol	7.857	139	186034	42.420	ng	98
27) 2,4-Dimethylphenol	7.892	122	348982	39.039	ng	99
28) bis(2-Chloroethoxy)met...	7.987	93	444443	38.742	ng	100
29) 2,4-Dichlorophenol	8.098	162	296155	39.284	ng	99
30) 1,2,4-Trichlorobenzene	8.186	180	314359	38.597	ng	100
31) Naphthalene	8.269	128	1028678	38.661	ng	100
32) Benzoic acid	7.992	122	210097	42.399	ng	99
33) 4-Chloroaniline	8.310	127	426934	39.296	ng	100
34) Hexachlorobutadiene	8.392	225	193031	38.797	ng	98
35) Caprolactam	8.681	113	99092	43.497	ng	99
36) 4-Chloro-3-methylphenol	8.786	107	328015	40.031	ng	99
37) 2-Methylnaphthalene	8.957	142	630618	38.948	ng	99
38) 1-Methylnaphthalene	9.057	142	657714	39.448	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	311045	37.530	ng	99
41) Hexachlorocyclopentadiene	9.116	237	209543	38.857	ng	99
43) 2,4,6-Trichlorophenol	9.233	196	222071	38.716	ng	99

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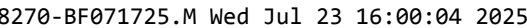
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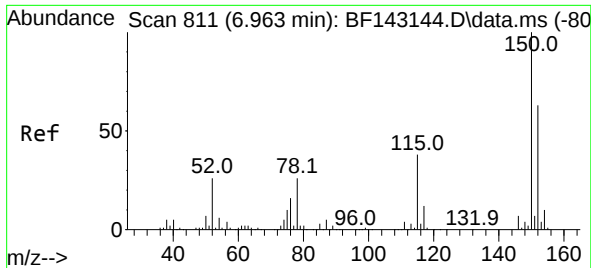
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	227262	39.609	ng	97
46) 1,1'-Biphenyl	9.422	154	852399	38.059	ng	100
47) 2-Chloronaphthalene	9.445	162	630848	38.067	ng	100
48) 2-Nitroaniline	9.533	65	219714	42.277	ng	98
49) Acenaphthylene	9.863	152	1070369	38.541	ng	100
50) Dimethylphthalate	9.716	163	739129	39.501	ng	99
51) 2,6-Dinitrotoluene	9.775	165	163183	42.869	ng	99
52) Acenaphthene	10.039	154	634518	38.656	ng	98
53) 3-Nitroaniline	9.945	138	182622	41.017	ng	99
54) 2,4-Dinitrophenol	10.045	184	68517	43.071	ng	74
55) Dibenzofuran	10.210	168	942628	38.679	ng	99
56) 4-Nitrophenol	10.092	139	136348	41.010	ng	99
57) 2,4-Dinitrotoluene	10.180	165	208497	43.658	ng	95
58) Fluorene	10.551	166	705686	38.582	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	195488	41.130	ng	100
60) Diethylphthalate	10.416	149	745293	40.297	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	355248	39.006	ng	98
62) 4-Nitroaniline	10.557	138	160383	42.030	ng	99
63) Azobenzene	10.698	77	770158	39.955	ng	99
65) 4,6-Dinitro-2-methylph...	10.586	198	100286	40.643	ng	97
66) n-Nitrosodiphenylamine	10.657	169	647888	38.190	ng	100
67) 4-Bromophenyl-phenylether	11.033	248	217849	37.943	ng	98
68) Hexachlorobenzene	11.104	284	228054	38.002	ng	99
69) Atrazine	11.180	200	194126	41.506	ng	100
70) Pentachlorophenol	11.286	266	146798	41.596	ng	99
71) Phenanthrene	11.516	178	986033	38.546	ng	100
72) Anthracene	11.563	178	1006010	38.560	ng	100
73) Carbazole	11.710	167	905667	39.755	ng	99
74) Di-n-butylphthalate	12.045	149	1085481	42.111	ng	100
75) Fluoranthene	12.704	202	966154	41.148	ng	100
77) Benzidine	12.810	184	218195	22.544	ng	99
78) Pyrene	12.933	202	950663	44.341	ng	99
80) Butylbenzylphthalate	13.539	149	311792	47.491	ng	99
81) Benzo(a)anthracene	14.116	228	650070	38.651	ng	100
82) 3,3'-Dichlorobenzidine	14.074	252	215912	38.517	ng	100
83) Chrysene	14.151	228	597875	39.537	ng	100
84) Bis(2-ethylhexyl)phtha...	14.104	149	414006	41.663	ng	100
85) Di-n-octyl phthalate	14.715	149	684937	38.026	ng	100
87) Indeno(1,2,3-cd)pyrene	17.174	276	722484	39.981	ng	99
88) Benzo(b)fluoranthene	15.186	252	649846	41.508	ng	100
89) Benzo(k)fluoranthene	15.215	252	507153	36.301	ng	99
90) Benzo(a)pyrene	15.568	252	571955	39.651	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	590913	40.175	ng	100
92) Benzo(g,h,i)perylene	17.645	276	582117	40.914	ng	99

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

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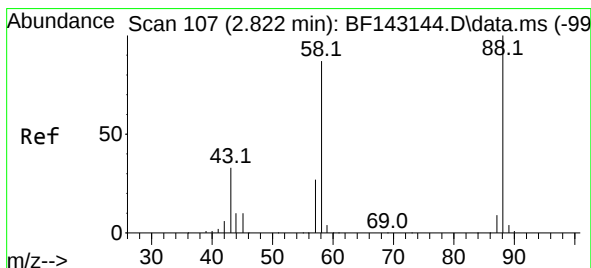
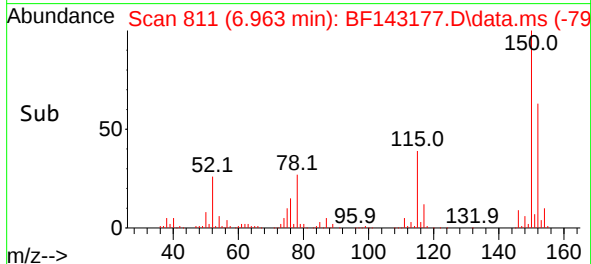
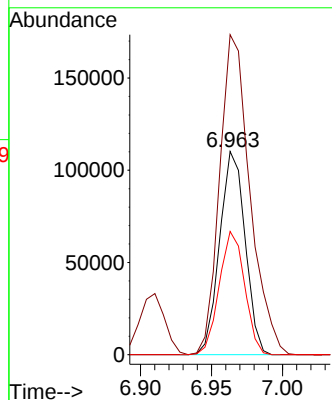
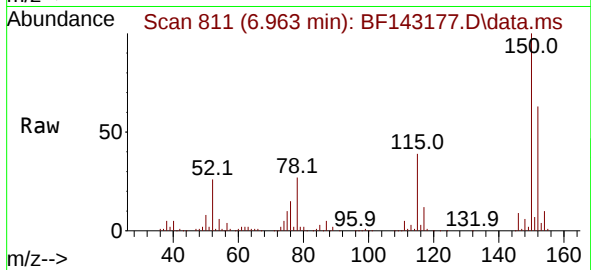




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

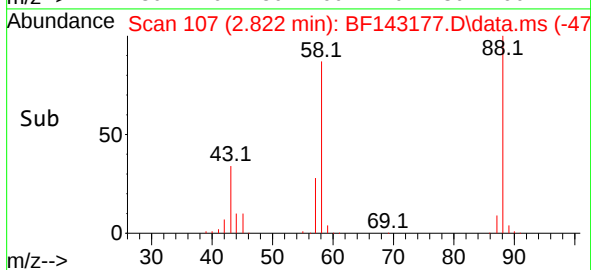
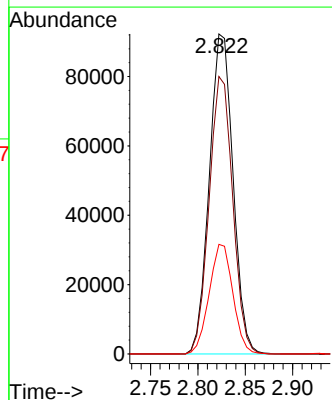
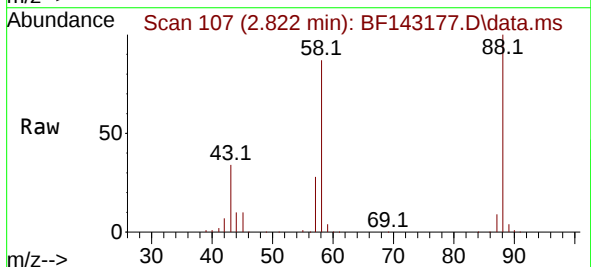
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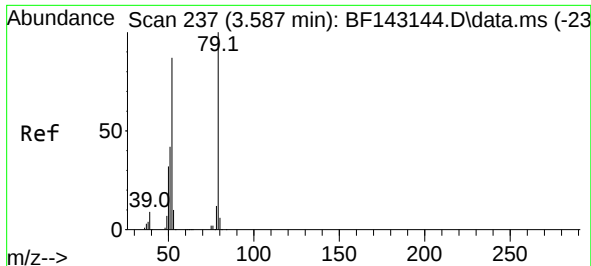
Tgt Ion:152 Resp: 137586
Ion Ratio Lower Upper
152 100
150 157.5 128.2 192.4
115 60.6 47.9 71.9



#2
1,4-Dioxane
Concen: 39.132 ng
RT: 2.822 min Scan# 107
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion: 88 Resp: 160989
Ion Ratio Lower Upper
88 100
58 86.2 70.2 105.2
43 34.3 27.1 40.7

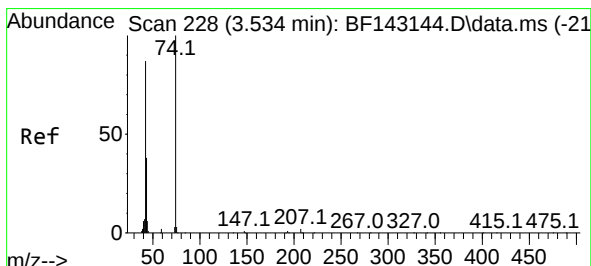
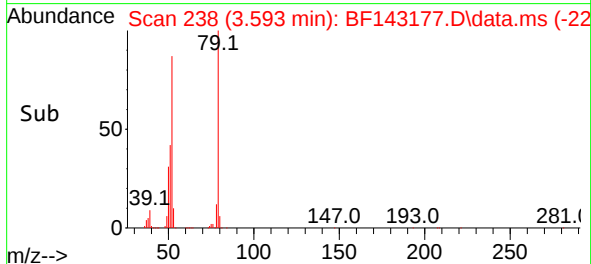
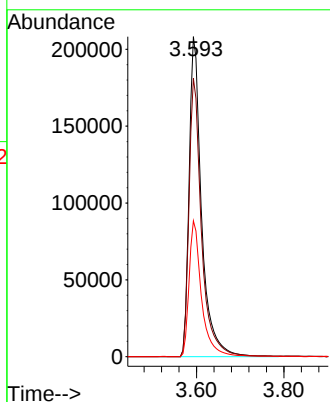
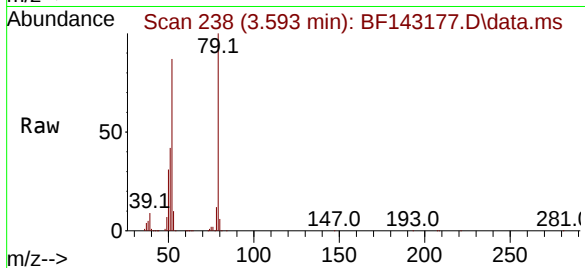




#3
Pyridine
Concen: 38.657 ng
RT: 3.593 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

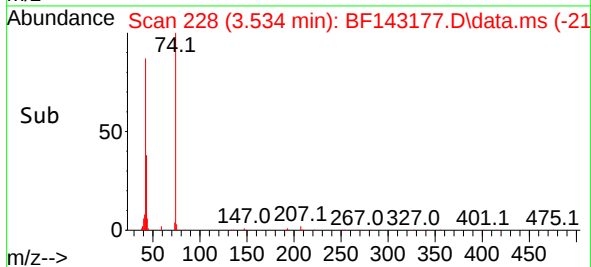
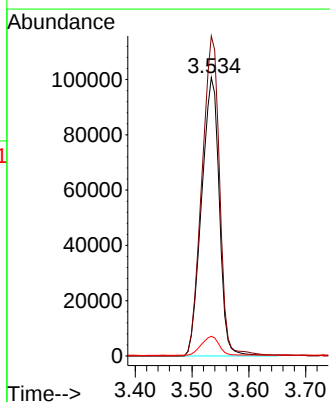
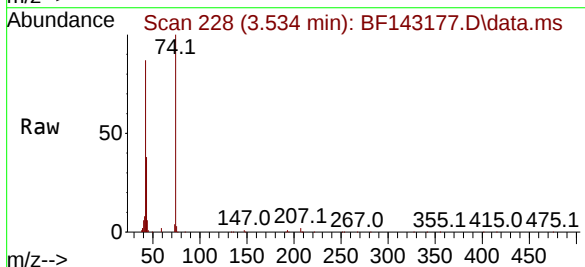
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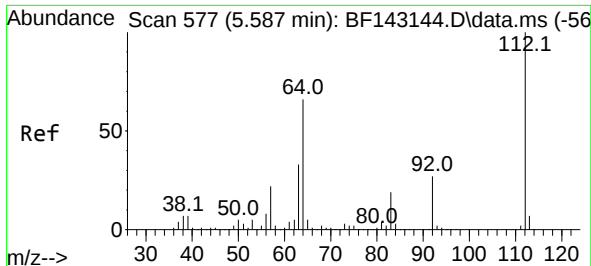
Tgt Ion: 79 Resp: 412780
Ion Ratio Lower Upper
79 100
52 87.0 69.4 104.2
51 42.4 33.5 50.3



#4
n-Nitrosodimethylamine
Concen: 39.459 ng
RT: 3.534 min Scan# 228
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion: 42 Resp: 217539
Ion Ratio Lower Upper
42 100
74 115.0 91.7 137.5
44 7.1 5.6 8.4

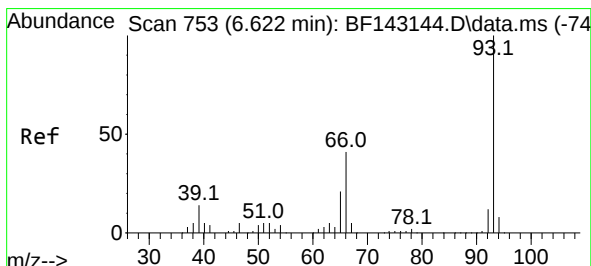
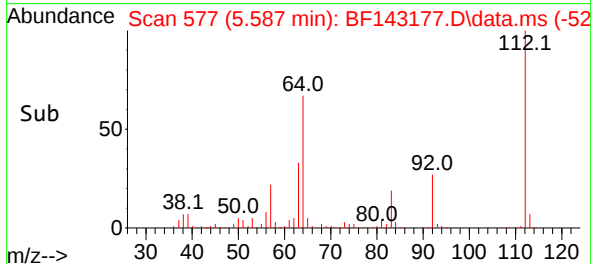
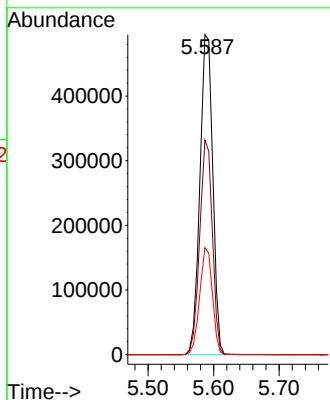
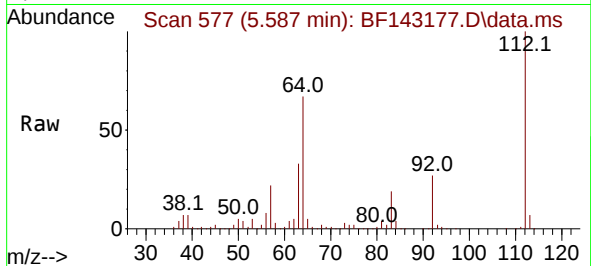




#5
2-Fluorophenol
Concen: 77.959 ng
RT: 5.587 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

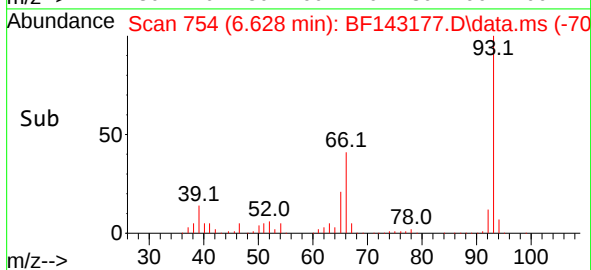
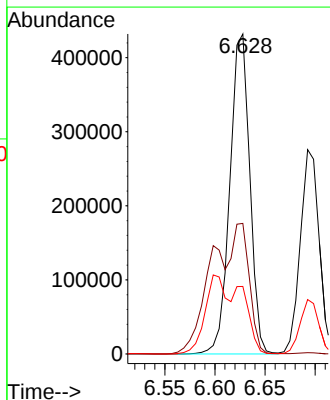
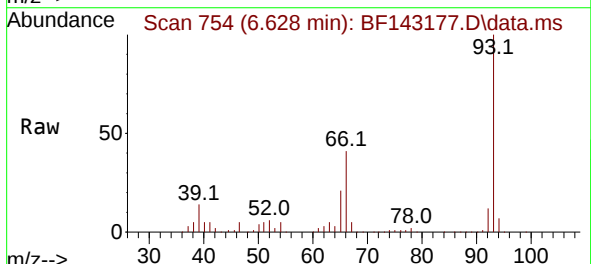
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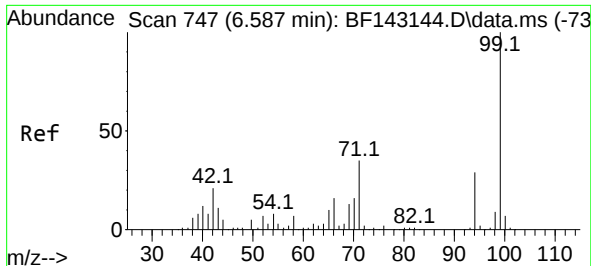
Tgt Ion:112 Resp: 677807
Ion Ratio Lower Upper
112 100
64 67.1 53.1 79.7
63 33.5 26.6 40.0



#6
Aniline
Concen: 39.186 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion: 93 Resp: 597655
Ion Ratio Lower Upper
93 100
66 40.8 33.2 49.8
65 21.1 16.9 25.3

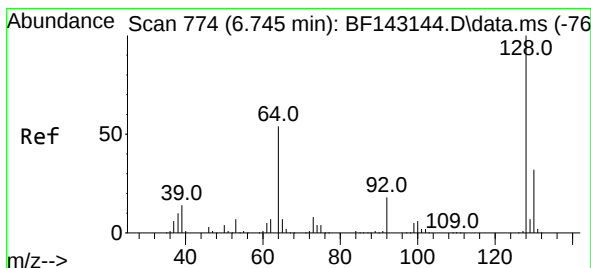
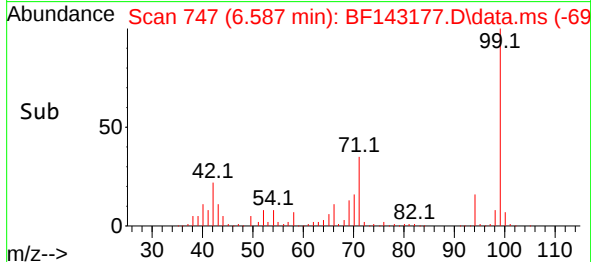
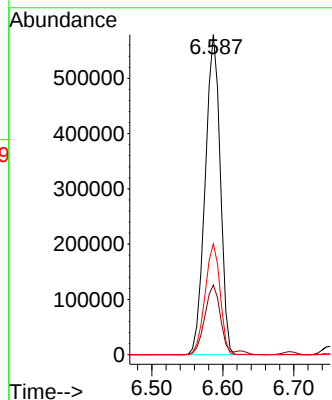
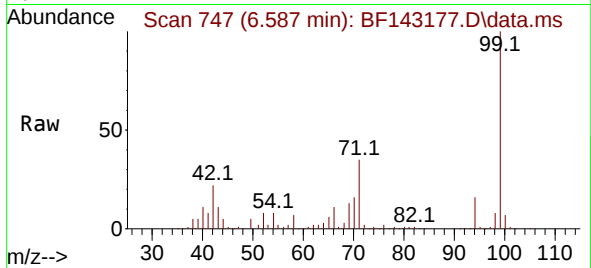




#7
Phenol-d6
Concen: 78.075 ng
RT: 6.587 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

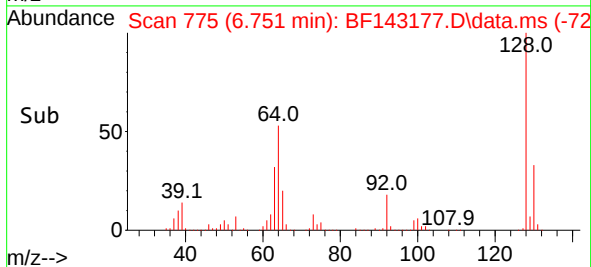
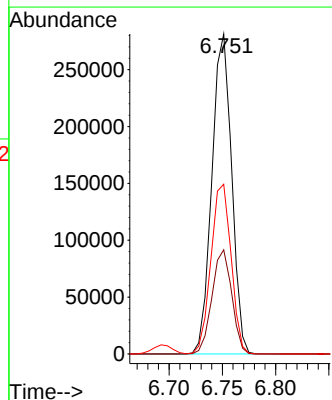
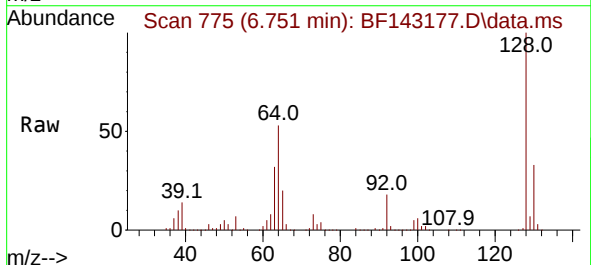
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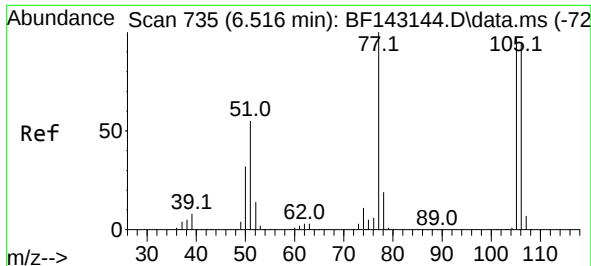
Tgt Ion: 99 Resp: 854417
Ion Ratio Lower Upper
99 100
42 21.8 17.0 25.6
71 34.7 27.7 41.5



#8
2-Chlorophenol
Concen: 39.740 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:128 Resp: 362170
Ion Ratio Lower Upper
128 100
130 32.6 12.3 52.3
64 53.1 35.9 75.9

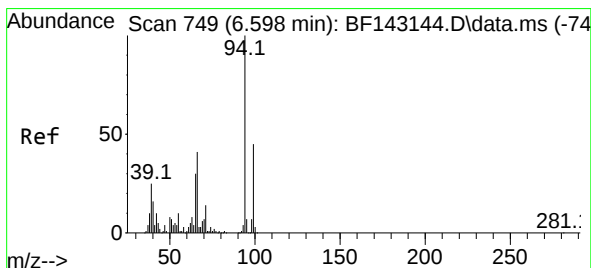
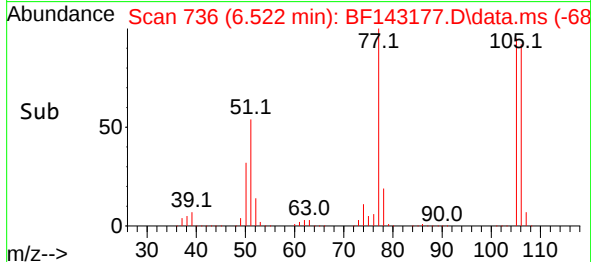
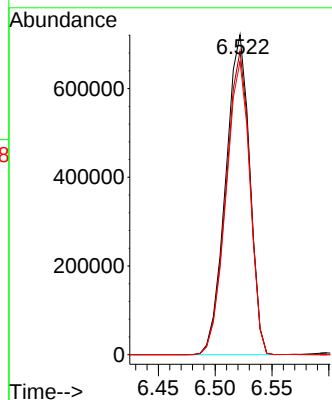
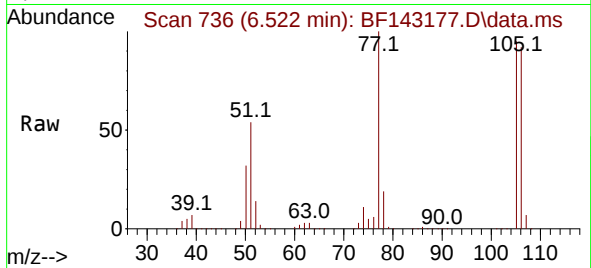




#9
Benzaldehyde
Concen: 129.116 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.006 min
Lab File: BF143177.D
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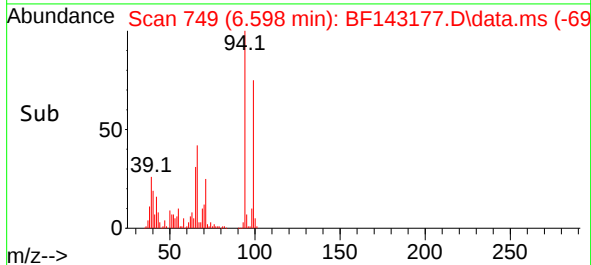
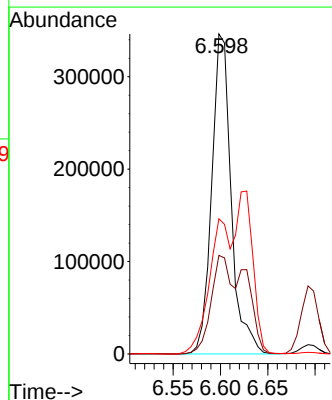
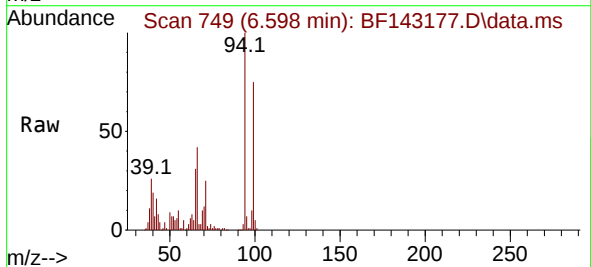
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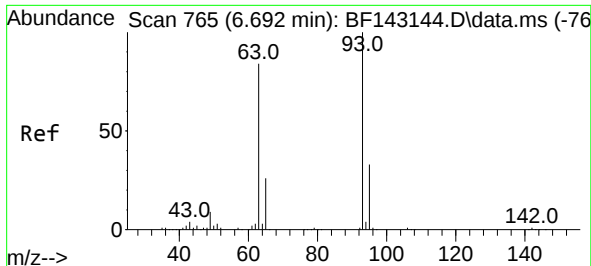
Tgt Ion: 77 Resp: 1059534
Ion Ratio Lower Upper
77 100
105 94.8 76.8 116.8
106 91.6 74.4 114.4



#10
Phenol
Concen: 41.450 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion: 94 Resp: 494165
Ion Ratio Lower Upper
94 100
65 30.8 10.0 50.0
66 42.3 20.8 60.8

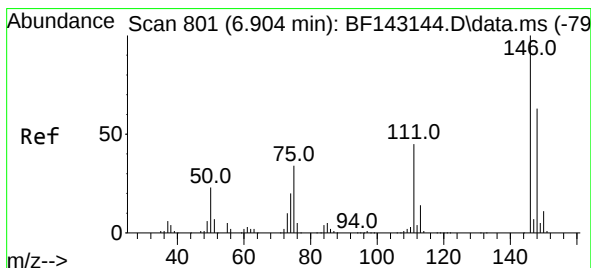
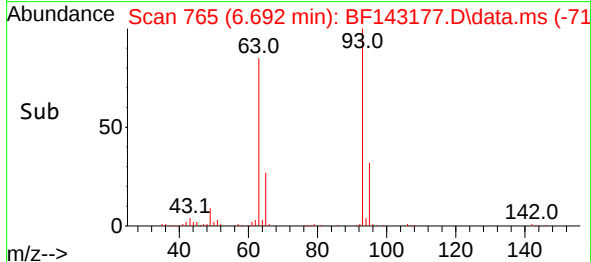
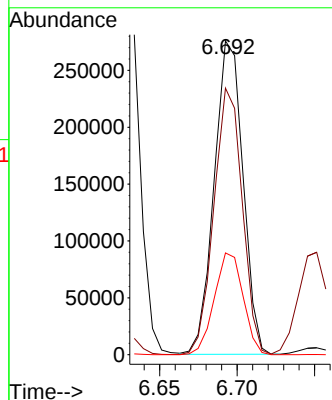
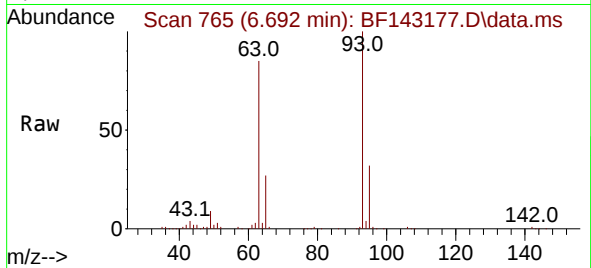




#11
bis(2-Chloroethyl)ether
Concen: 38.997 ng
RT: 6.692 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

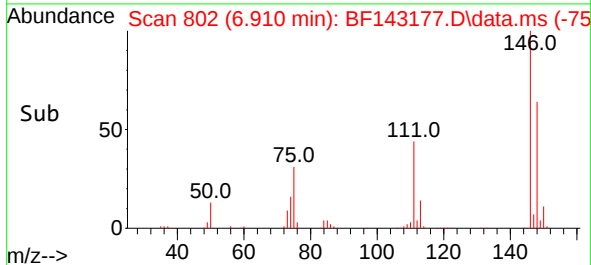
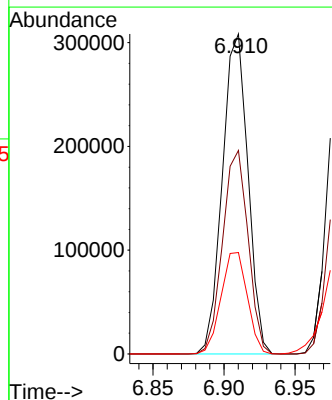
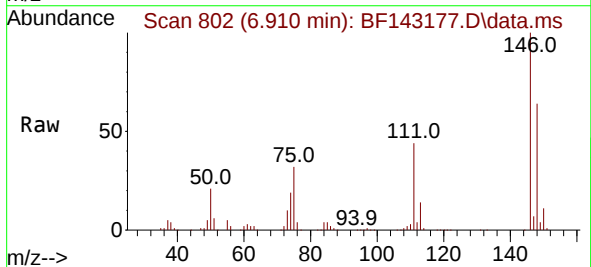
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

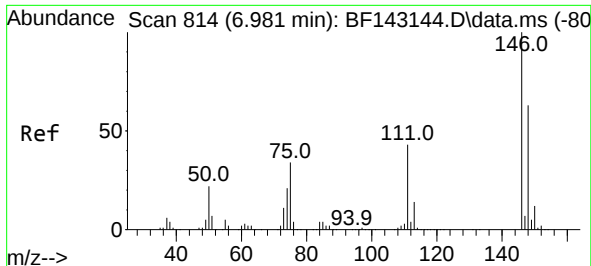
Tgt Ion: 93 Resp: 355973
Ion Ratio Lower Upper
93 100
63 84.9 63.4 103.4
95 32.4 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 39.079 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:146 Resp: 386885
Ion Ratio Lower Upper
146 100
148 63.6 50.6 76.0
75 31.7 27.4 41.2

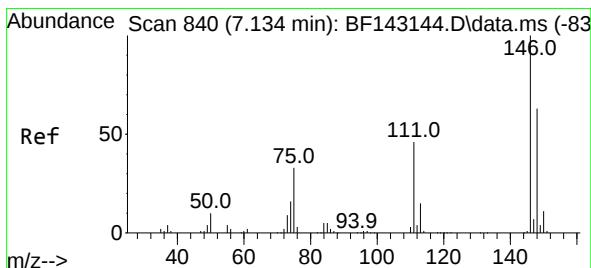
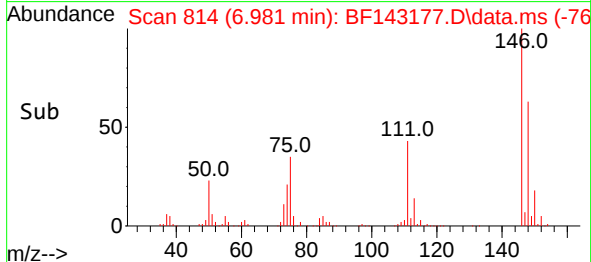
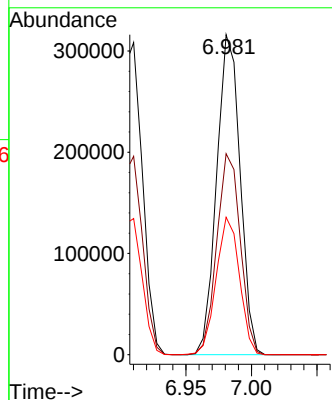
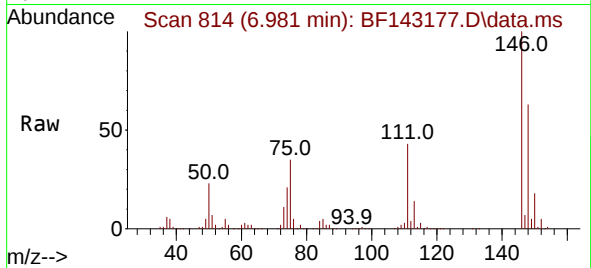




#13
1,4-Dichlorobenzene
Concen: 39.415 ng
RT: 6.981 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

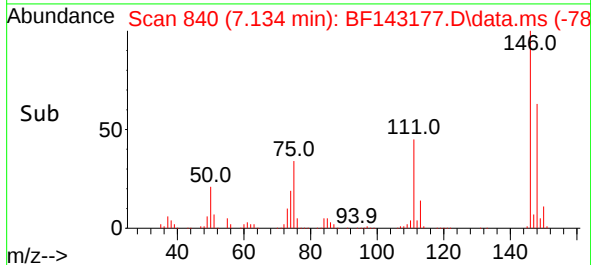
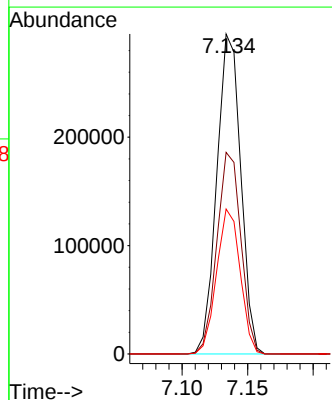
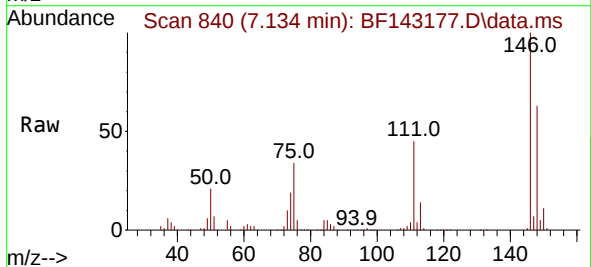
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

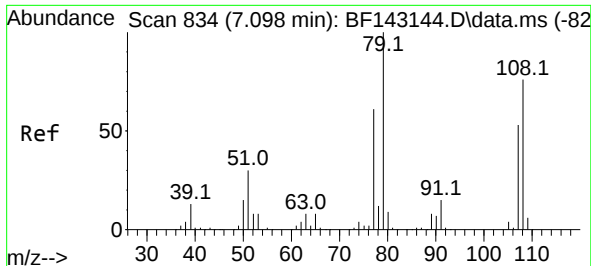
Tgt Ion:146 Resp: 392969
Ion Ratio Lower Upper
146 100
148 62.8 50.3 75.5
111 42.9 34.4 51.6



#14
1,2-Dichlorobenzene
Concen: 39.536 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:146 Resp: 374905
Ion Ratio Lower Upper
146 100
148 63.0 50.7 76.1
111 45.3 36.6 54.8

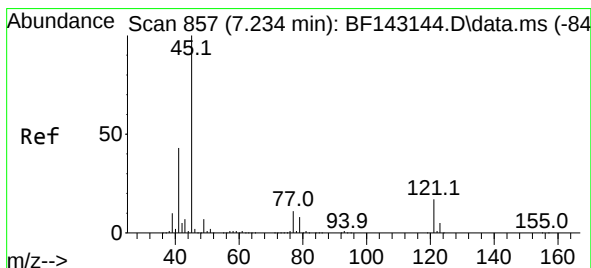
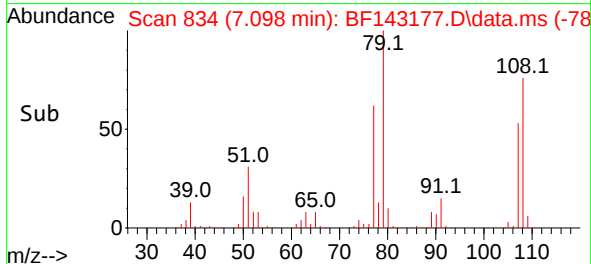
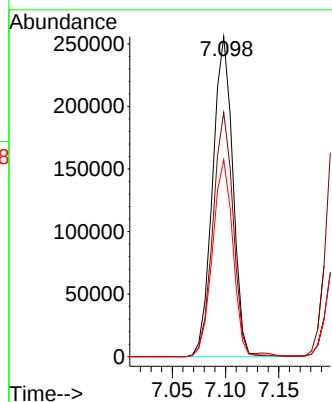
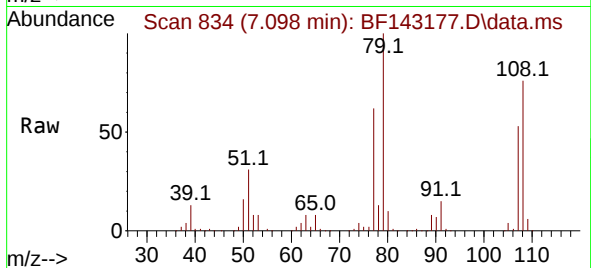




#15
Benzyl Alcohol
Concen: 40.325 ng
RT: 7.098 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

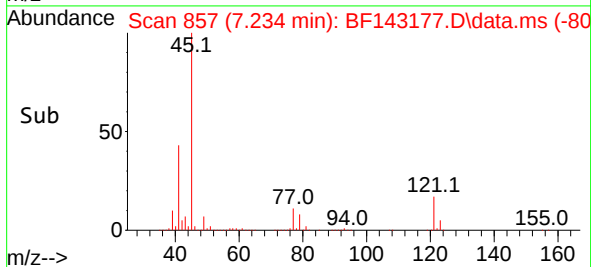
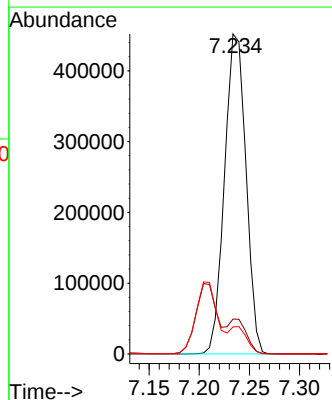
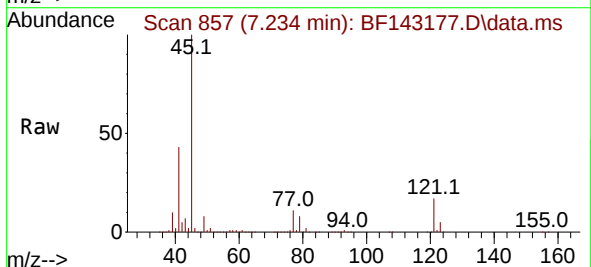
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

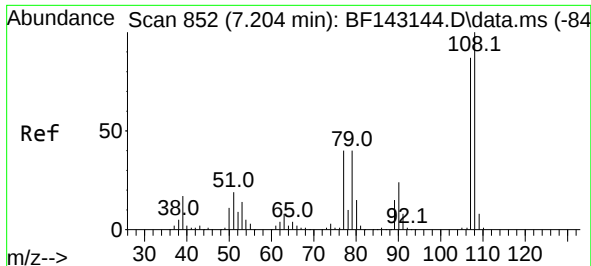
Tgt Ion: 79 Resp: 336956
Ion Ratio Lower Upper
79 100
108 76.3 61.1 91.7
77 61.6 48.9 73.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.617 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion: 45 Resp: 670842
Ion Ratio Lower Upper
45 100
77 10.9 0.0 31.2
79 8.4 0.0 28.5

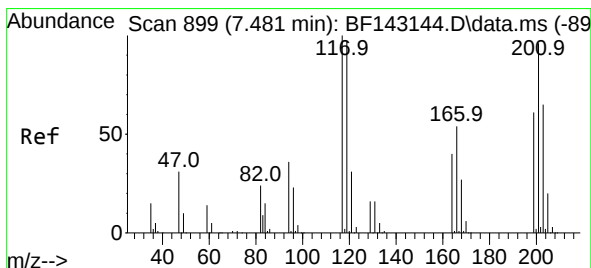
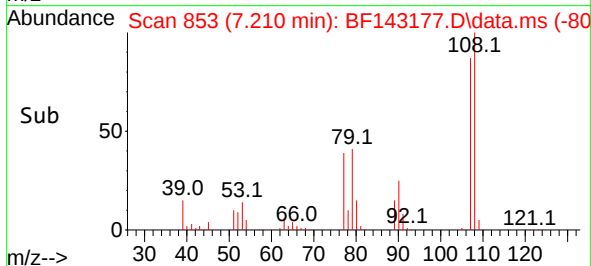
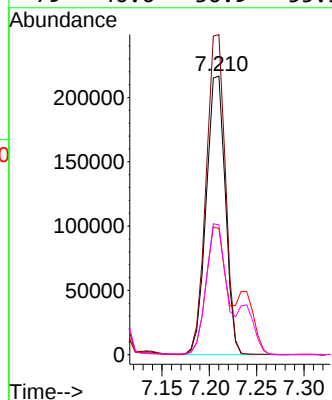
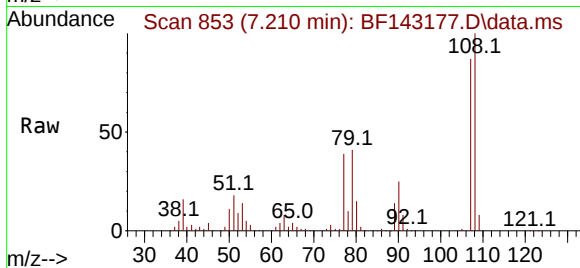




#17
2-Methylphenol
Concen: 39.715 ng
RT: 7.210 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

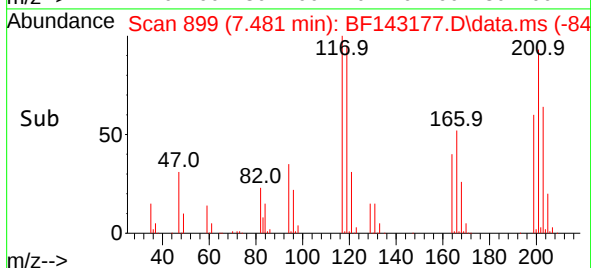
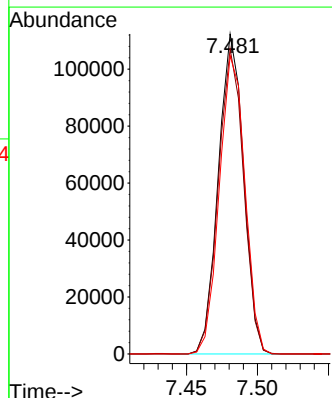
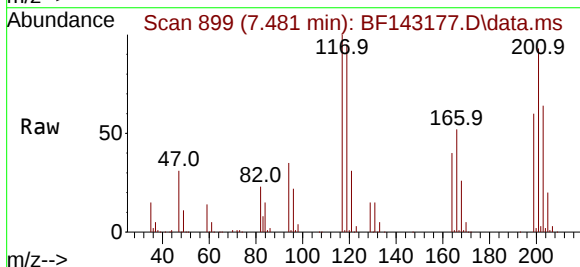
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

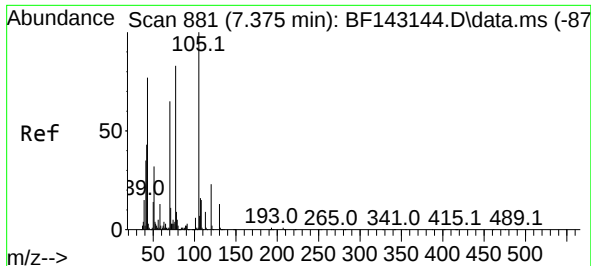
Tgt Ion:	107	Resp:	304327
Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.8	137.6
77	45.3	37.0	55.6
79	46.6	36.9	55.3



#18
Hexachloroethane
Concen: 40.337 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:	117	Resp:	139222
Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.8	116.8
201	93.3	77.0	115.4

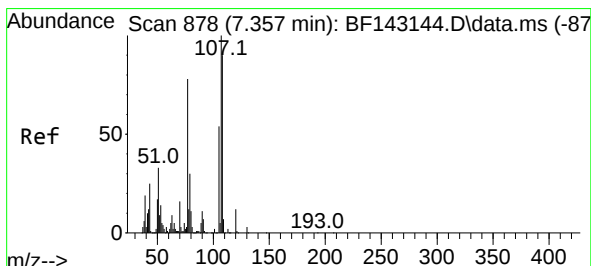
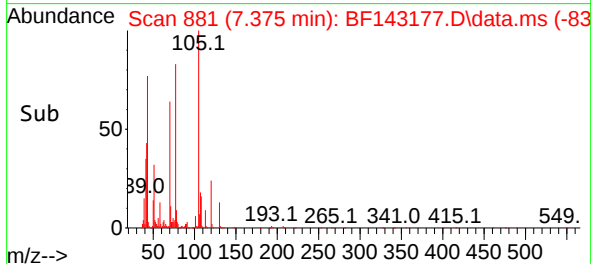
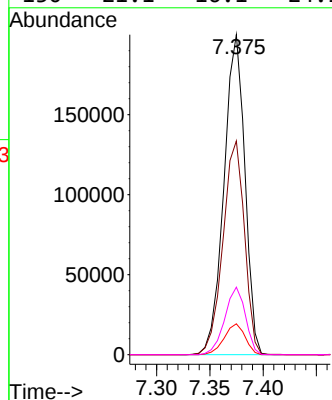
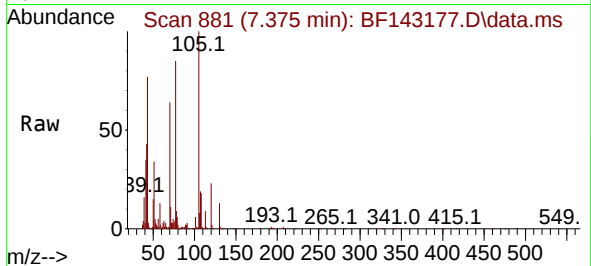




#19
n-Nitroso-di-n-propylamine
Concen: 38.818 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

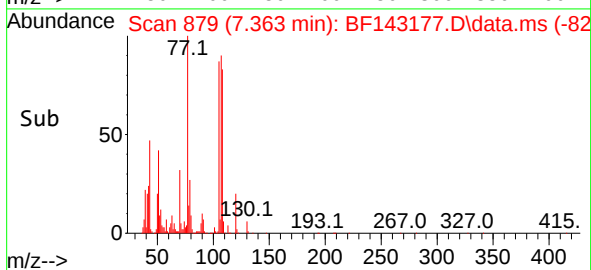
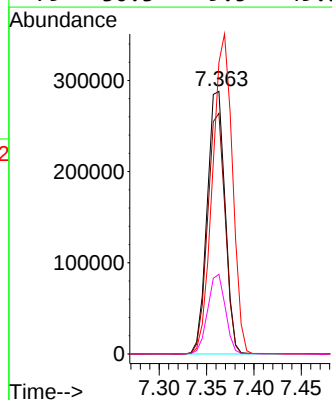
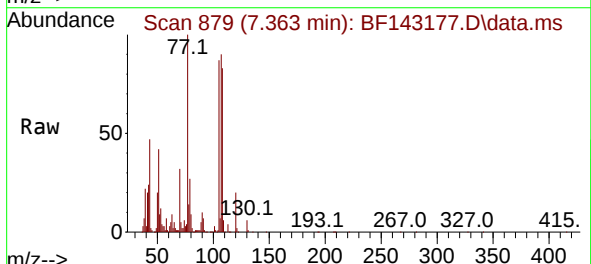
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

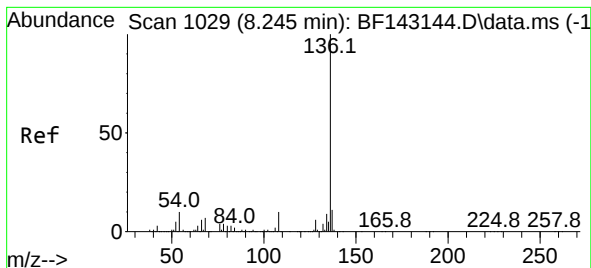
Tgt Ion:	70	Resp:	272545
Ion	Ratio	Lower	Upper
70	100		
42	66.8	52.5	78.7
101	9.7	7.6	11.4
130	21.1	16.1	24.1



#20
3+4-Methylphenols
Concen: 40.856 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:	107	Resp:	379841
Ion	Ratio	Lower	Upper
107	100		
108	91.6	70.0	110.0
77	111.0	57.8	97.8#
79	30.3	9.5	49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.245 min Scan# 1029

Delta R.T. 0.000 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 540273

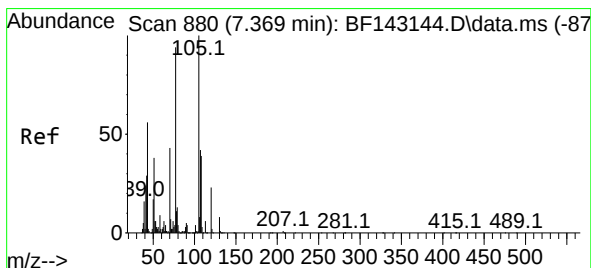
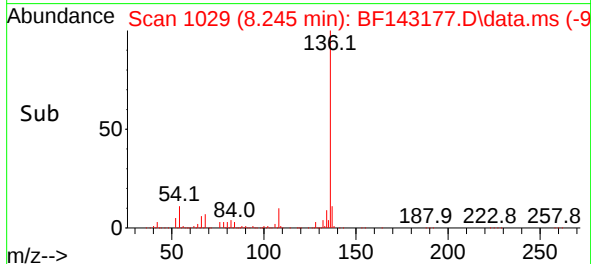
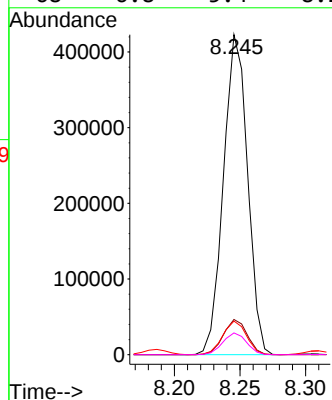
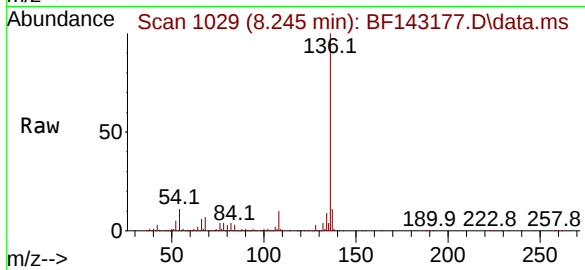
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 10.5 8.2 12.2

68 6.8 5.4 8.2



#22

Acetophenone

Concen: 38.166 ng

RT: 7.369 min Scan# 880

Delta R.T. 0.000 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

Tgt Ion:105 Resp: 488181

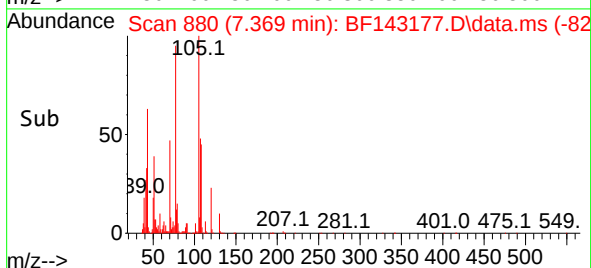
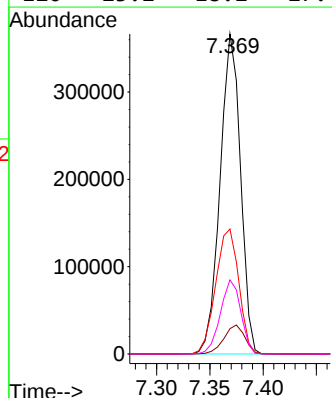
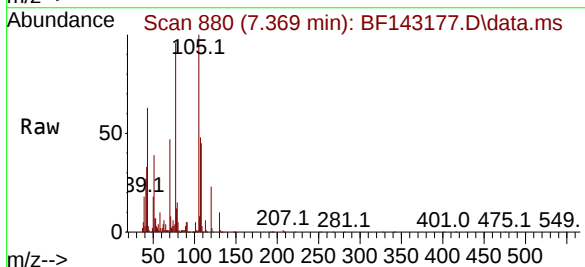
Ion Ratio Lower Upper

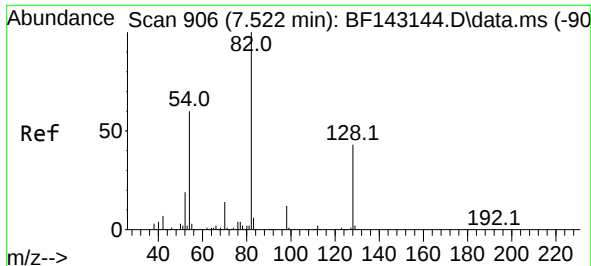
105 100

71 7.9 5.8 8.6

51 39.0 30.2 45.2

120 23.2 18.2 27.4





#23

Nitrobenzene-d5

Concen: 79.820 ng

RT: 7.522 min Scan# 906

Delta R.T. 0.000 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

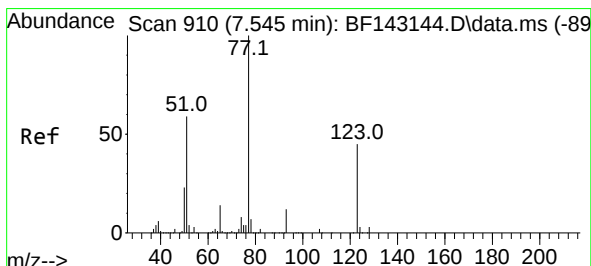
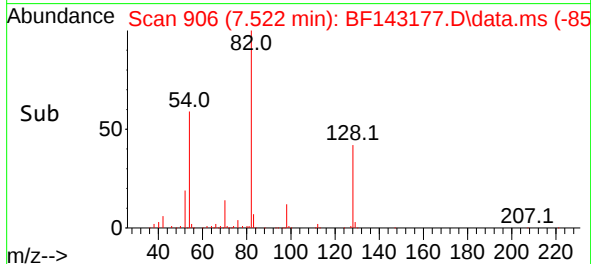
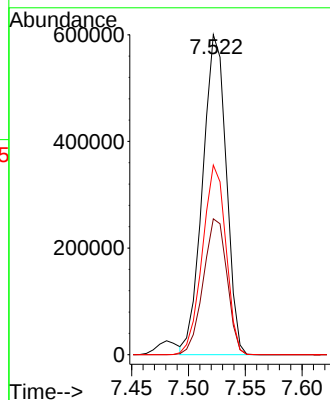
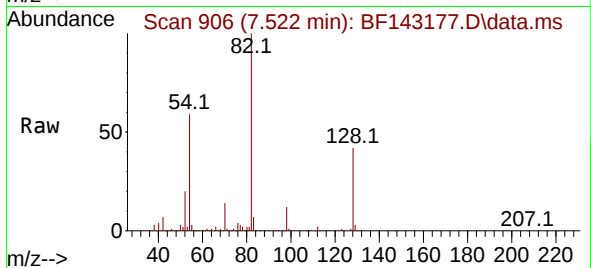
Tgt Ion: 82 Resp: 865138

Ion Ratio Lower Upper

82 100

128 42.5 33.6 50.4

54 59.2 47.1 70.7



#24

Nitrobenzene

Concen: 39.931 ng

RT: 7.545 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

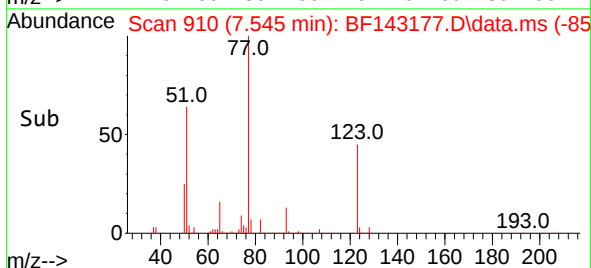
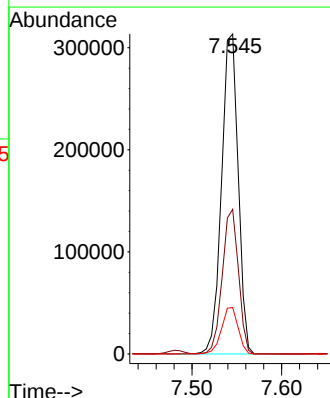
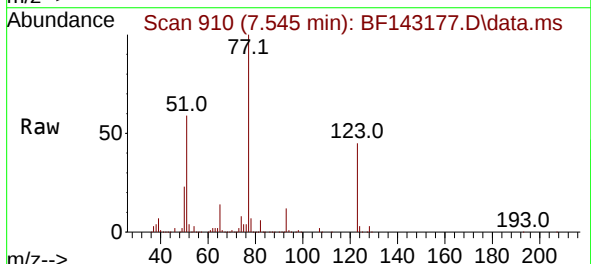
Tgt Ion: 77 Resp: 403502

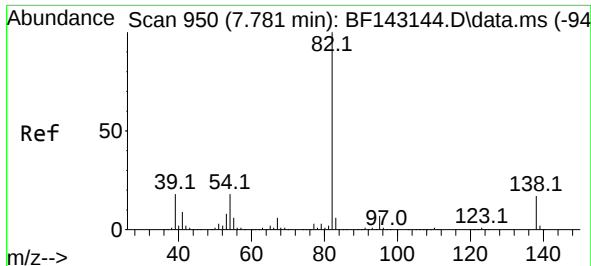
Ion Ratio Lower Upper

77 100

123 45.2 36.1 54.1

65 14.5 11.4 17.2

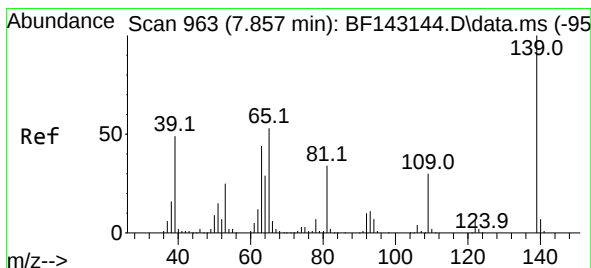
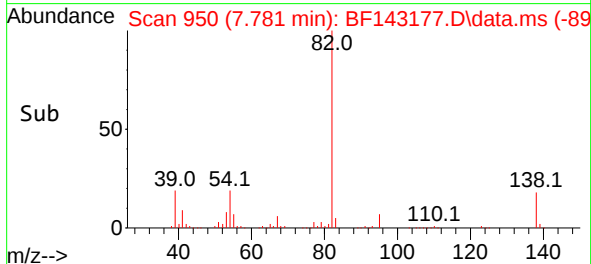
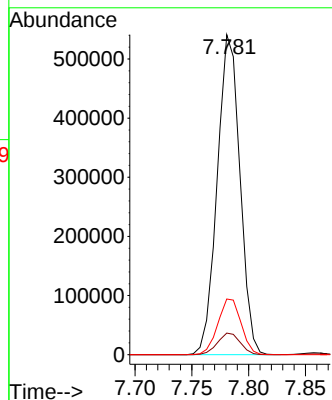
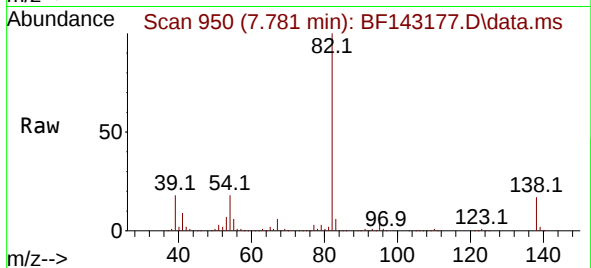




#25
Isophorone
Concen: 39.403 ng
RT: 7.781 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

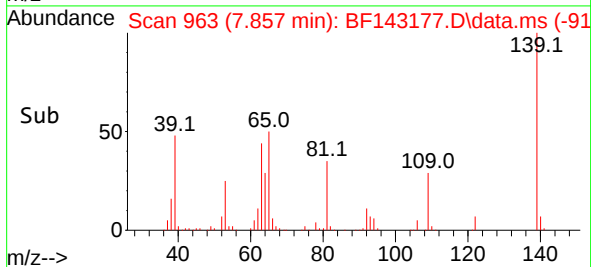
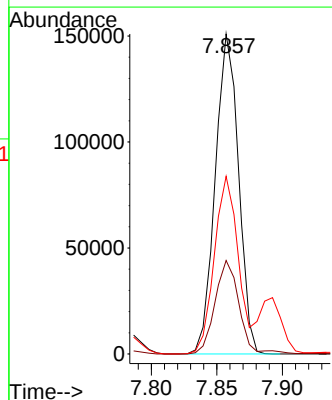
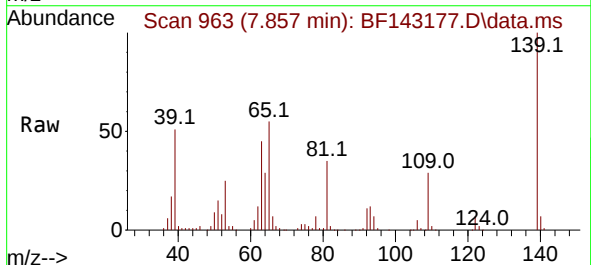
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

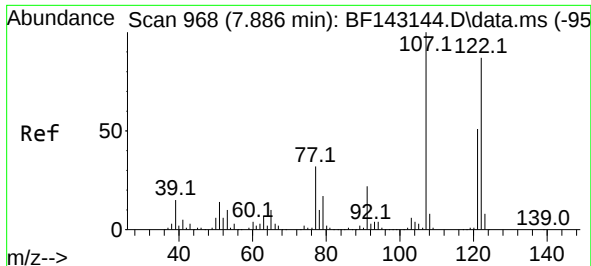
Tgt Ion: 82 Resp: 753928
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 17.4 13.8 20.8



#26
2-Nitrophenol
Concen: 42.420 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:139 Resp: 186034
Ion Ratio Lower Upper
139 100
109 29.2 23.6 35.4
65 55.5 42.6 64.0

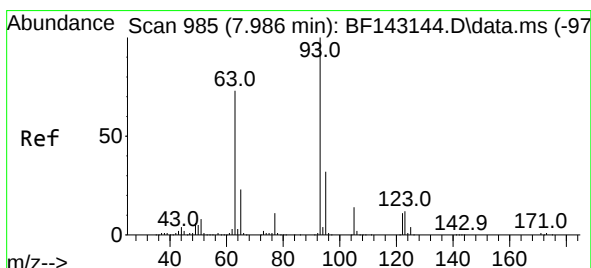
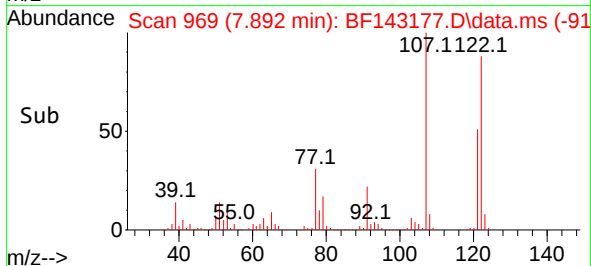
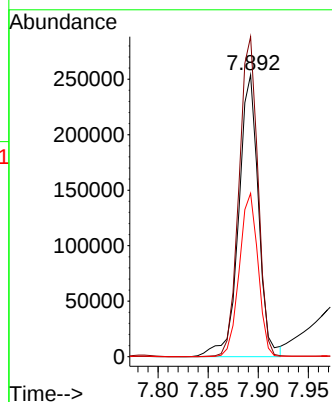
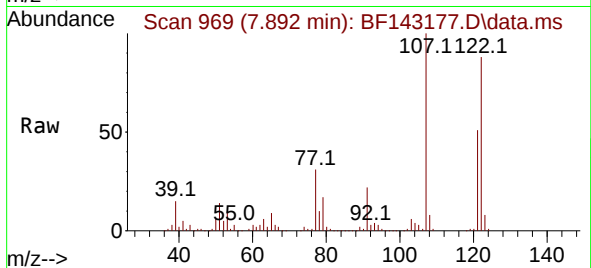




#27
2,4-Dimethylphenol
Concen: 39.039 ng
RT: 7.892 min Scan# 968
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

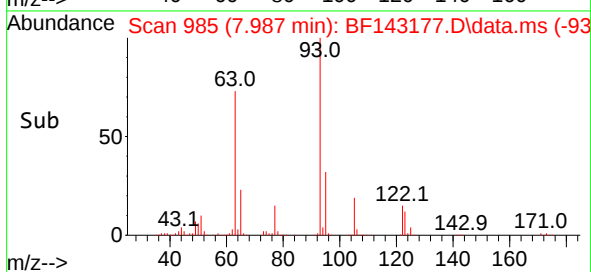
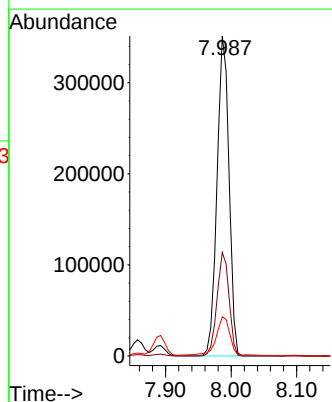
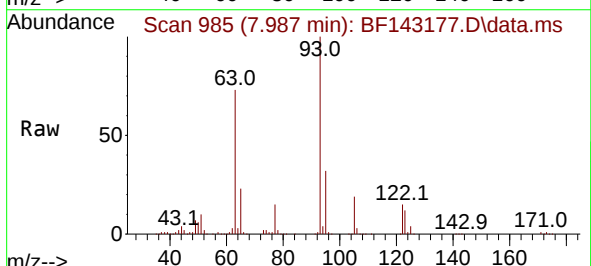
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

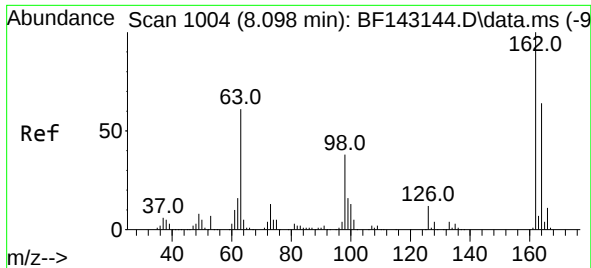
Tgt Ion:122 Resp: 348982
Ion Ratio Lower Upper
122 100
107 113.6 91.8 137.6
121 58.0 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 38.742 ng
RT: 7.987 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion: 93 Resp: 444443
Ion Ratio Lower Upper
93 100
95 32.3 25.8 38.6
123 12.2 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 39.284 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

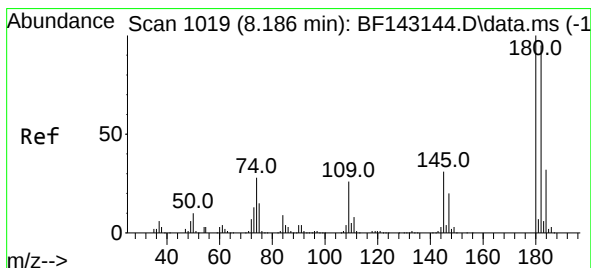
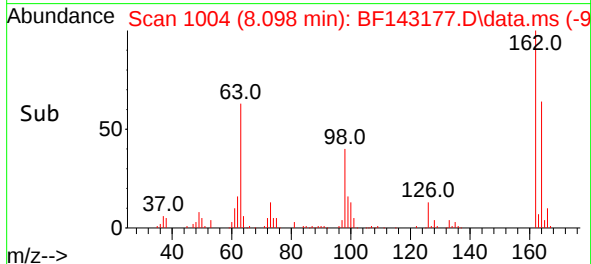
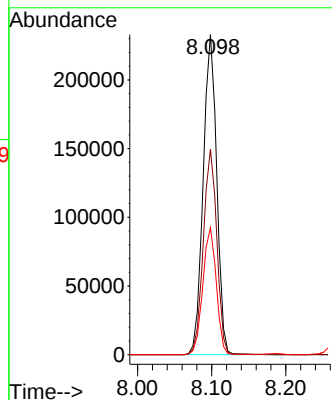
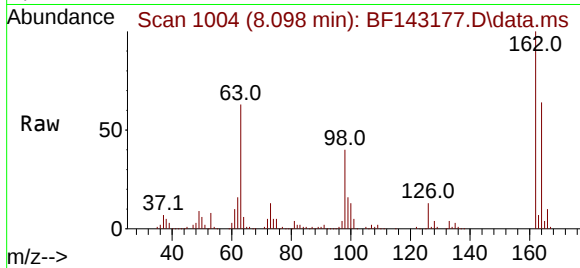
Tgt Ion:162 Resp: 296155

Ion Ratio Lower Upper

162 100

164 64.3 44.2 84.2

98 39.7 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 38.597 ng

RT: 8.186 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

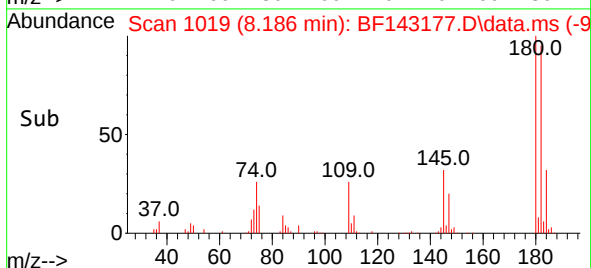
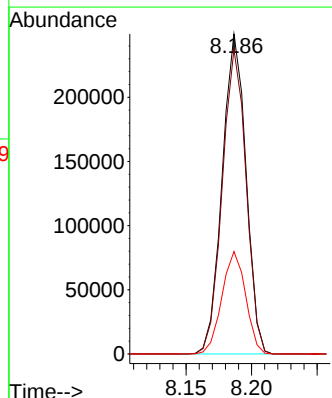
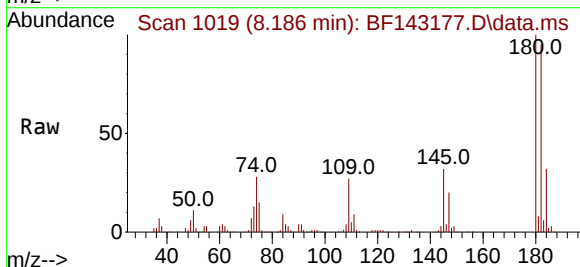
Tgt Ion:180 Resp: 314359

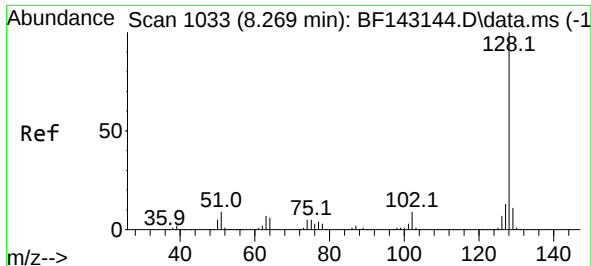
Ion Ratio Lower Upper

180 100

182 95.1 76.2 114.2

145 32.0 25.0 37.6

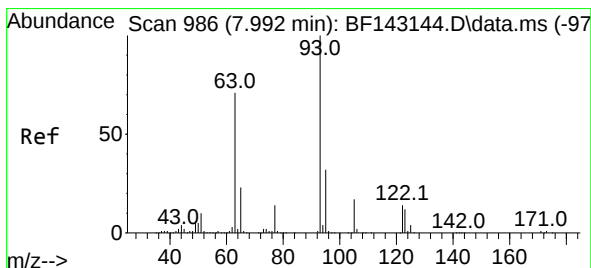
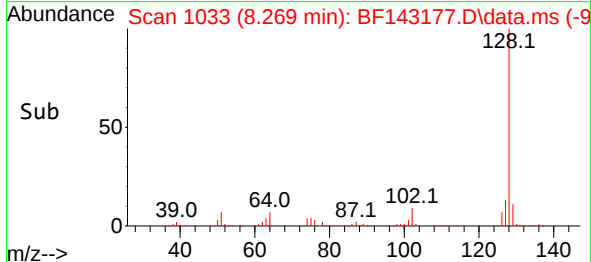
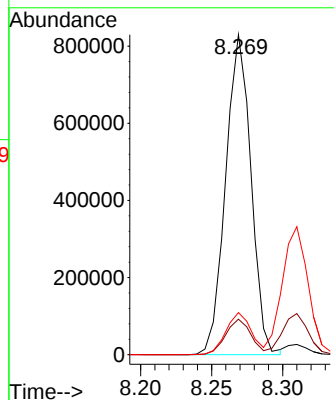
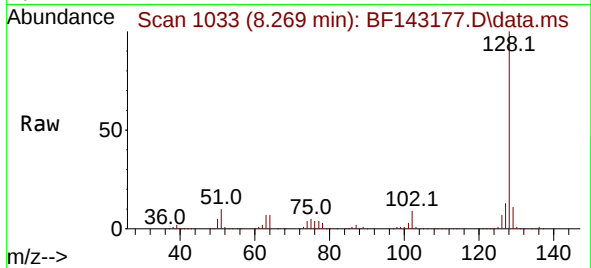




#31
Naphthalene
Concen: 38.661 ng
RT: 8.269 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

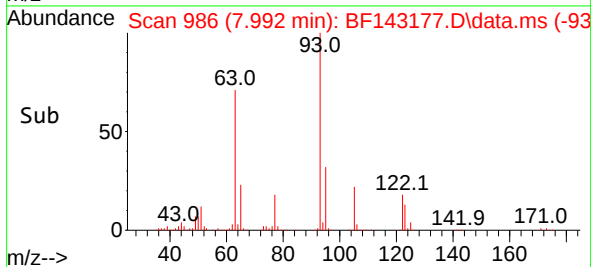
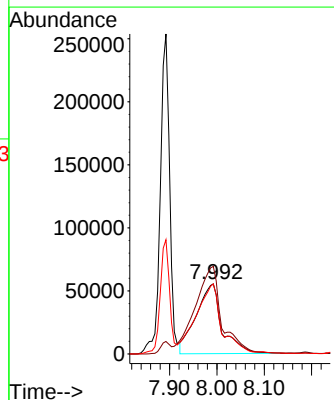
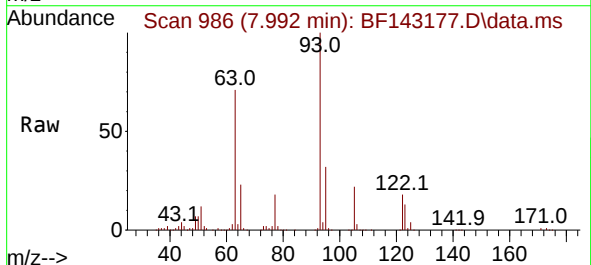
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

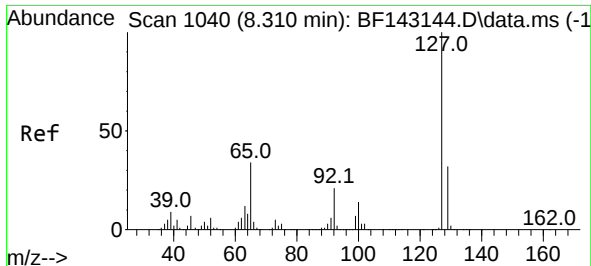
Tgt Ion:128 Resp: 1028678
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 42.399 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:122 Resp: 210097
Ion Ratio Lower Upper
122 100
105 125.0 104.8 144.8
77 100.1 77.6 117.6

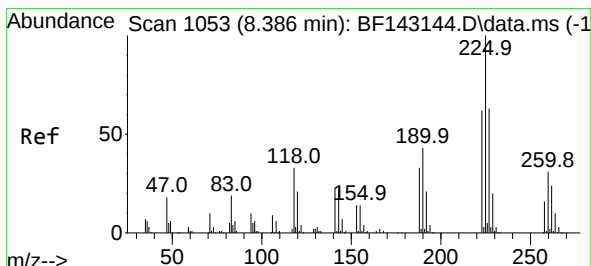
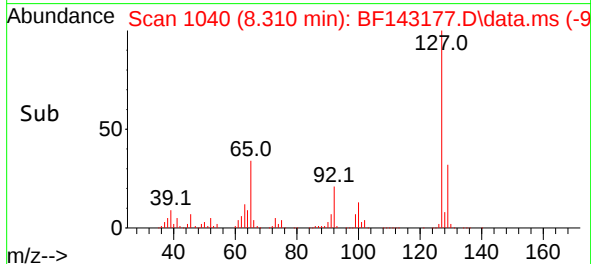
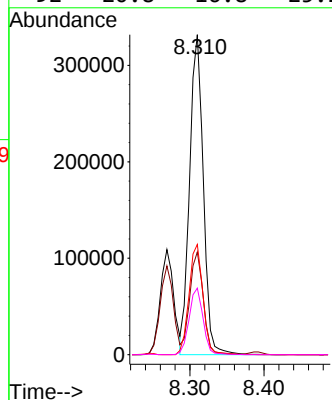
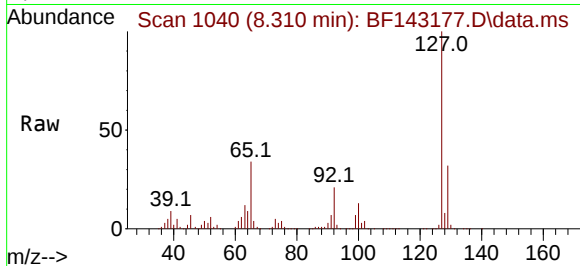




#33
4-Chloroaniline
Concen: 39.296 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

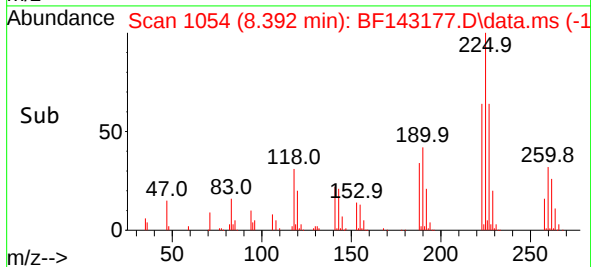
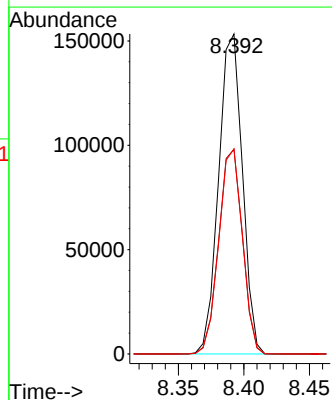
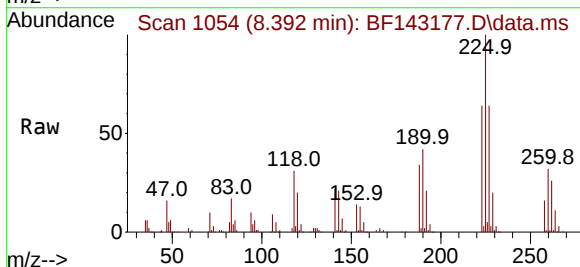
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

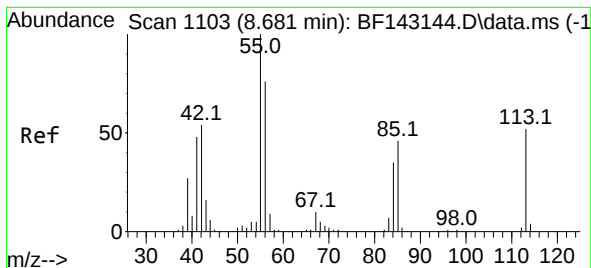
Tgt Ion:	127	Resp:	426934
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.0	39.0
65	34.5	27.4	41.2
92	20.8	16.8	25.2



#34
Hexachlorobutadiene
Concen: 38.797 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:	225	Resp:	193031
Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.8	74.6
227	64.1	50.2	75.4





#35

Caprolactam

Concen: 43.497 ng

RT: 8.681 min Scan# 1103

Delta R.T. 0.000 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

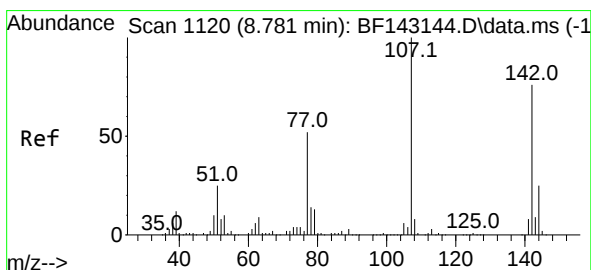
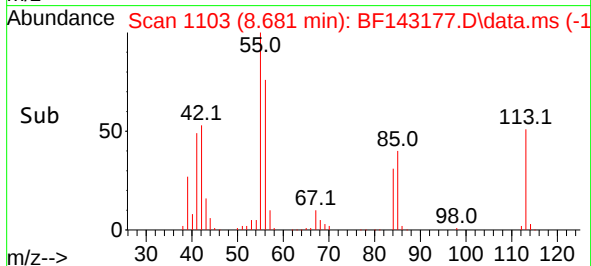
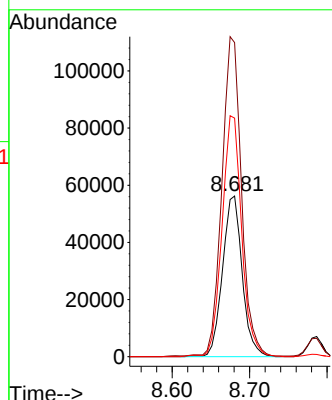
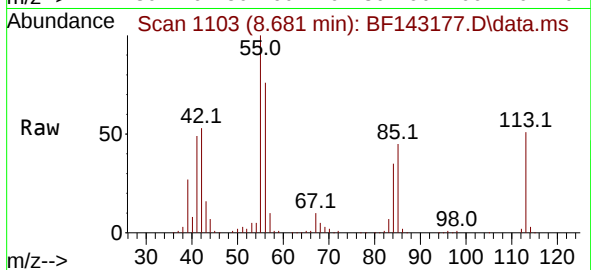
Tgt Ion:113 Resp: 99092

Ion Ratio Lower Upper

113 100

55 195.5 174.0 214.0

56 148.5 126.6 166.6



#36

4-Chloro-3-methylphenol

Concen: 40.031 ng

RT: 8.786 min Scan# 1121

Delta R.T. 0.006 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

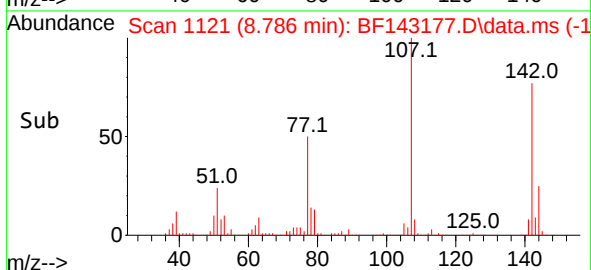
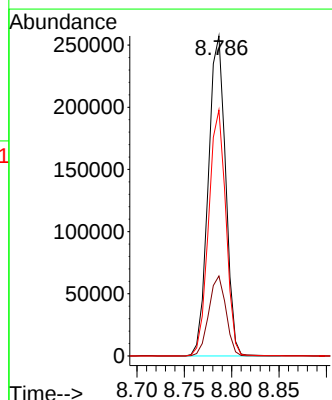
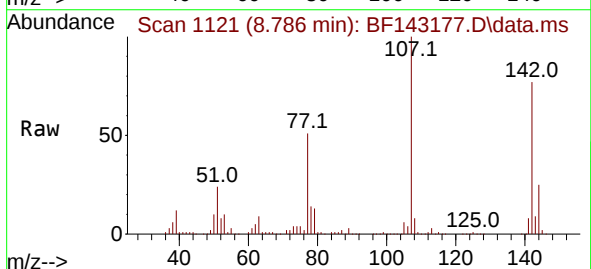
Tgt Ion:107 Resp: 328015

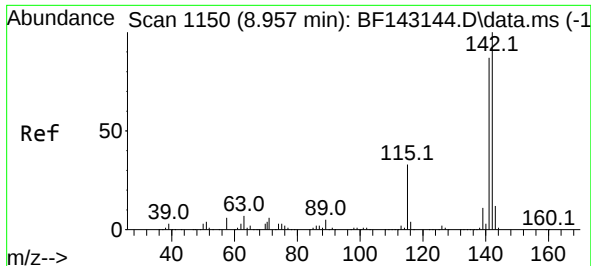
Ion Ratio Lower Upper

107 100

144 25.0 19.8 29.6

142 76.8 60.6 90.8





#37

2-Methylnaphthalene

Concen: 38.948 ng

RT: 8.957 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

Instrument :

BNA_F

ClientSampleId :

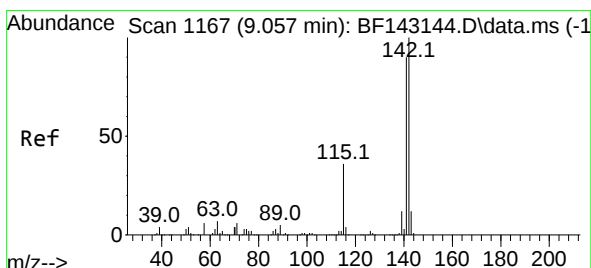
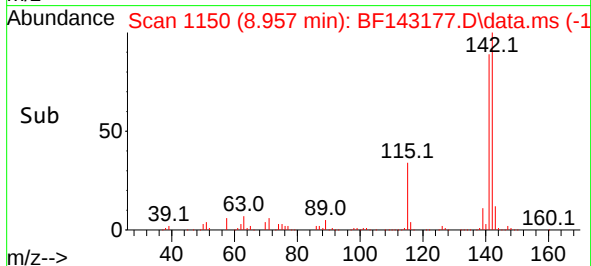
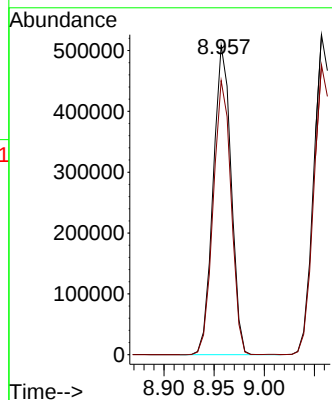
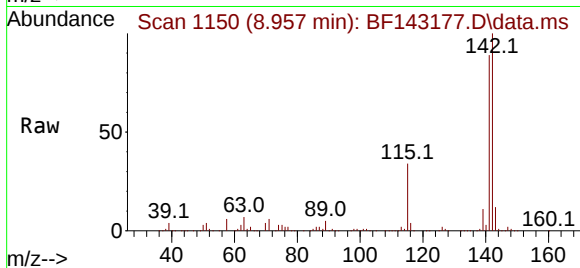
SSTDCCC040

Tgt Ion:142 Resp: 630618

Ion Ratio Lower Upper

142 100

141 88.6 69.9 104.9



#38

1-Methylnaphthalene

Concen: 39.448 ng

RT: 9.057 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF143177.D

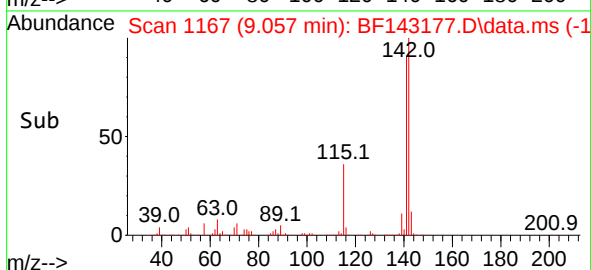
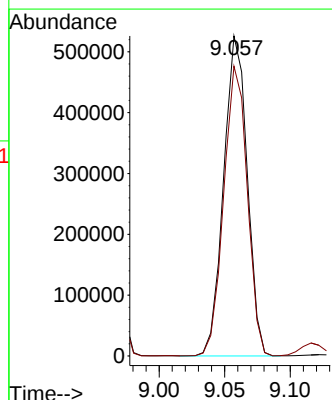
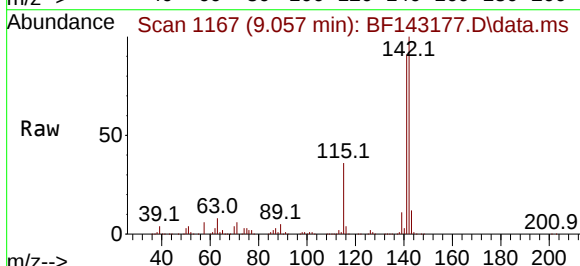
Acq: 22 Jul 2025 08:46

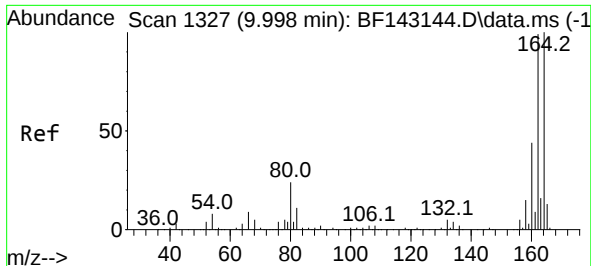
Tgt Ion:142 Resp: 657714

Ion Ratio Lower Upper

142 100

141 90.6 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1178

Delta R.T. 0.006 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

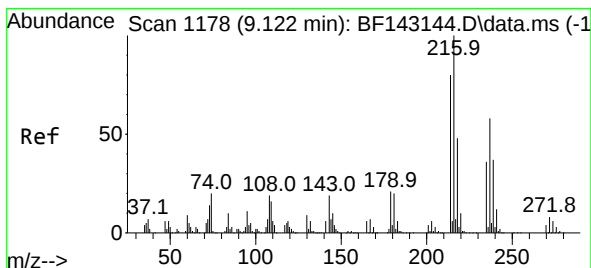
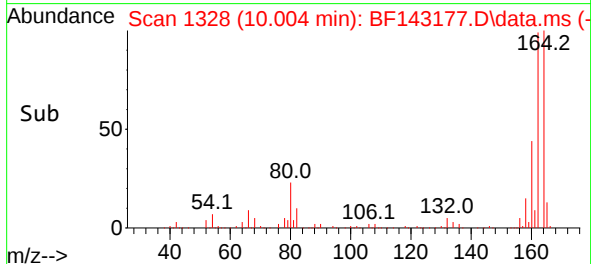
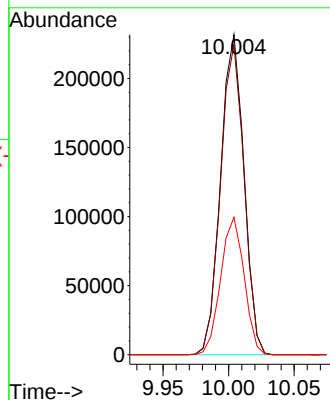
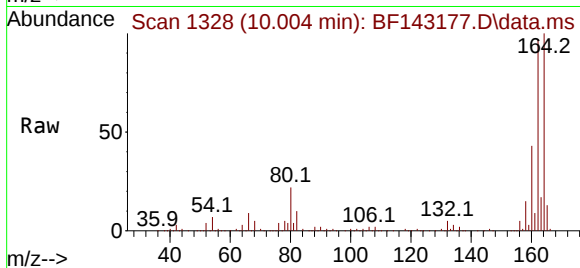
Tgt Ion:164 Resp: 287067

Ion Ratio Lower Upper

164 100

162 96.9 79.0 118.6

160 43.0 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.530 ng

RT: 9.128 min Scan# 1179

Delta R.T. 0.006 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

Tgt Ion:216 Resp: 311045

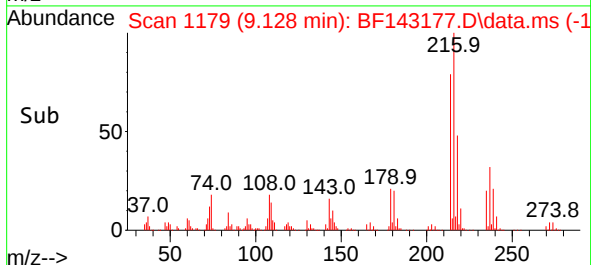
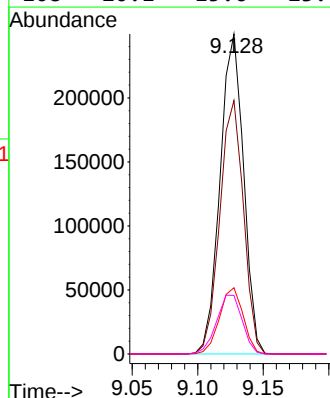
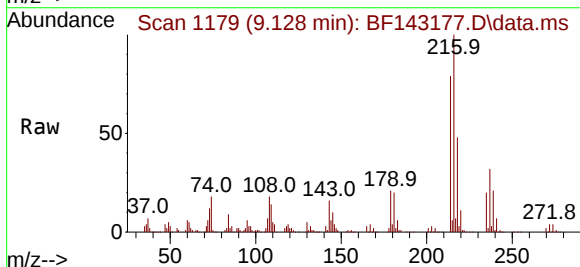
Ion Ratio Lower Upper

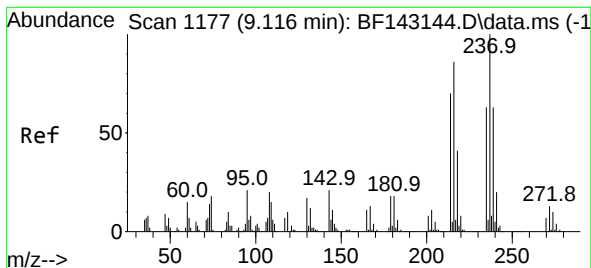
216 100

214 79.4 63.8 95.8

179 20.9 16.4 24.6

108 20.1 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 38.857 ng

RT: 9.116 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

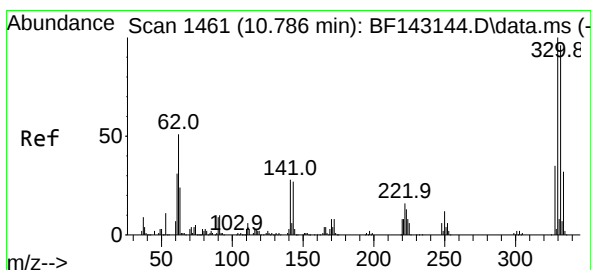
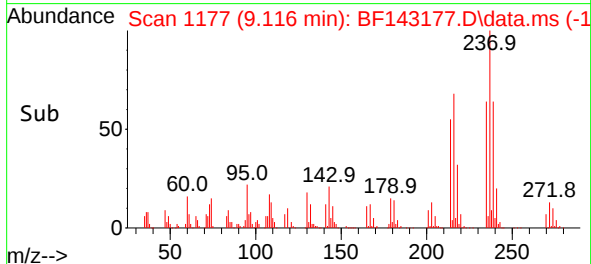
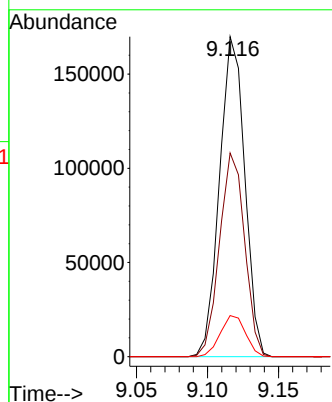
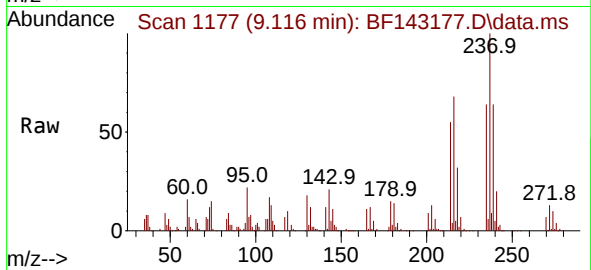
Tgt Ion:237 Resp: 209543

Ion Ratio Lower Upper

237 100

235 63.7 43.0 83.0

272 12.8 0.0 33.3



#42

2,4,6-Tribromophenol

Concen: 83.135 ng

RT: 10.792 min Scan# 1462

Delta R.T. 0.006 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

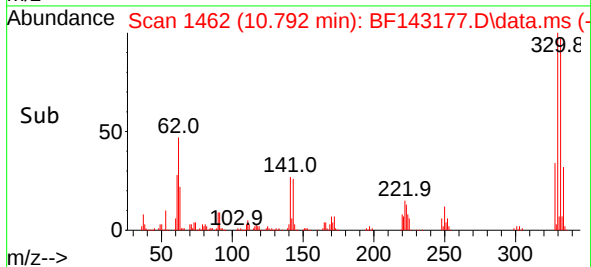
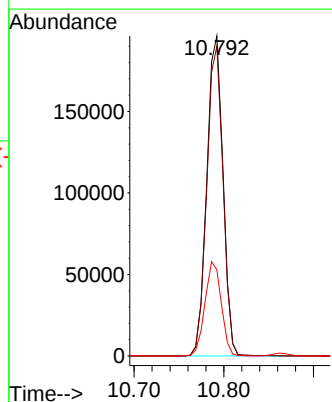
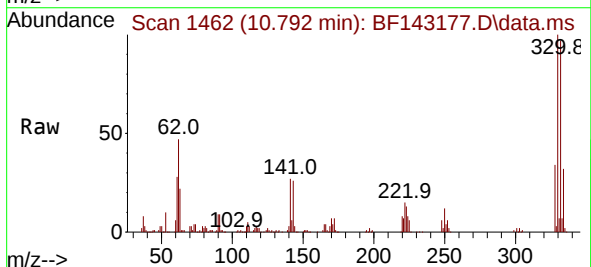
Tgt Ion:330 Resp: 246542

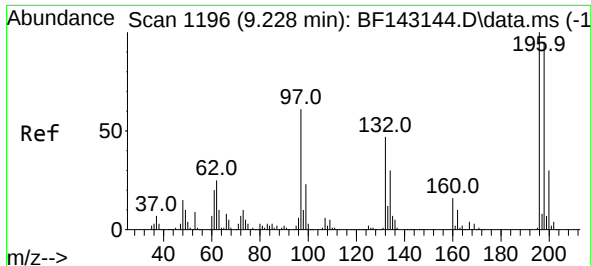
Ion Ratio Lower Upper

330 100

332 96.6 76.7 115.1

141 29.6 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 38.716 ng

RT: 9.233 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

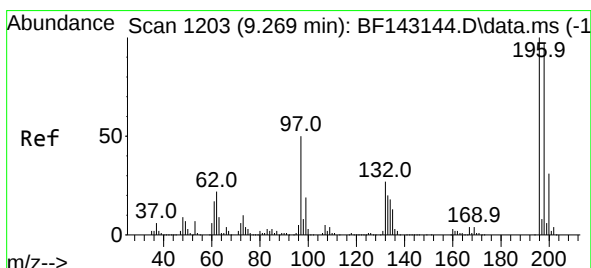
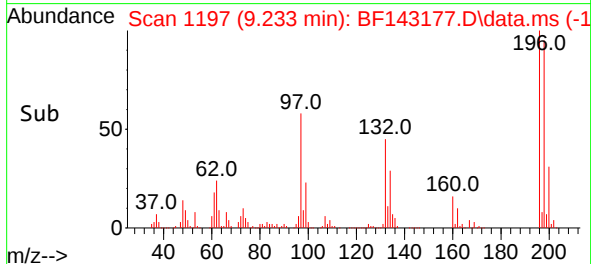
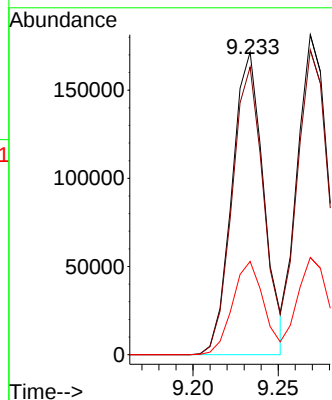
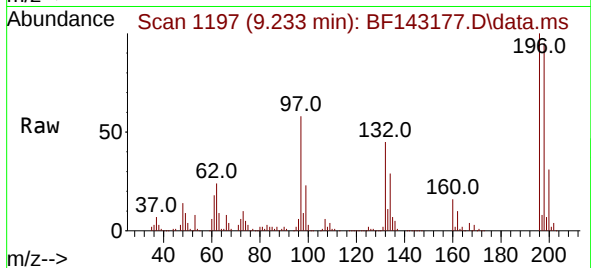
Tgt Ion:196 Resp: 222071

Ion Ratio Lower Upper

196 100

198 95.0 76.2 114.2

200 30.8 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 39.609 ng

RT: 9.269 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

Tgt Ion:196 Resp: 227262

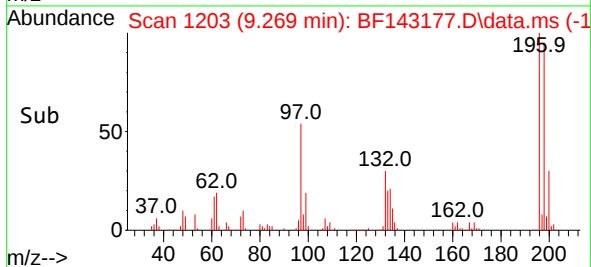
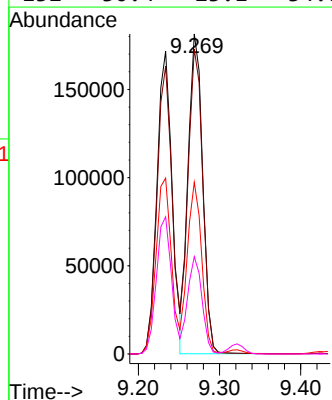
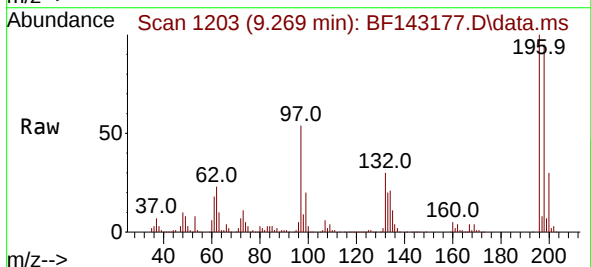
Ion Ratio Lower Upper

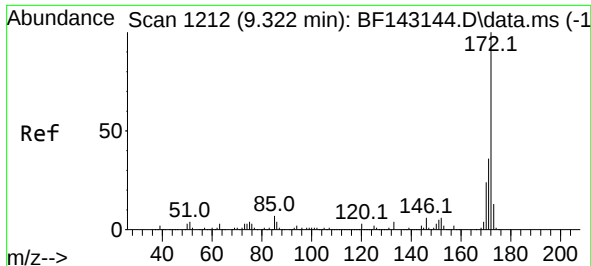
196 100

198 95.2 77.3 115.9

97 53.7 40.3 60.5

132 30.4 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 74.477 ng

RT: 9.322 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

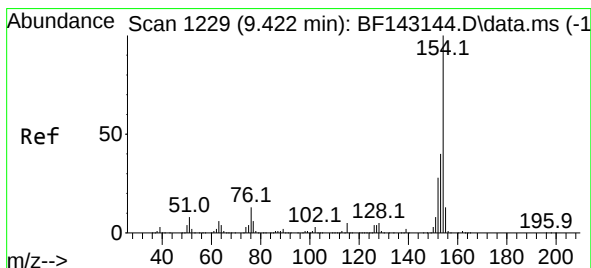
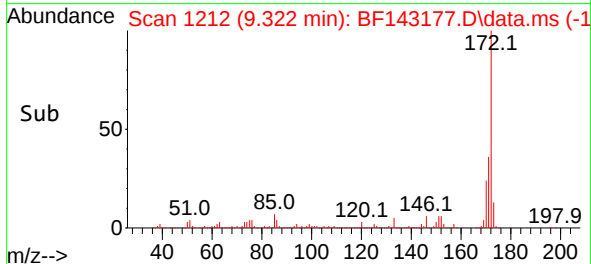
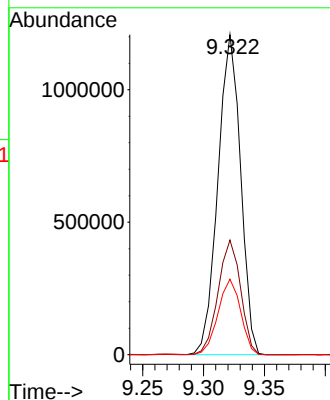
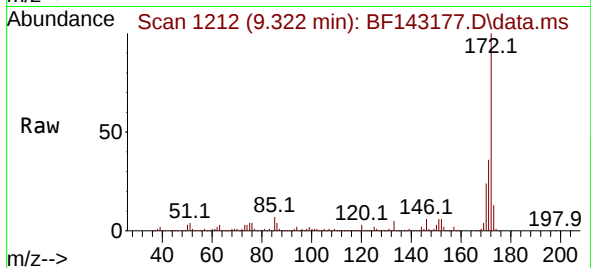
Tgt Ion:172 Resp: 1563287

Ion Ratio Lower Upper

172 100

171 35.8 28.6 42.8

170 23.6 18.8 28.2



#46

1,1'-Biphenyl

Concen: 38.059 ng

RT: 9.422 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

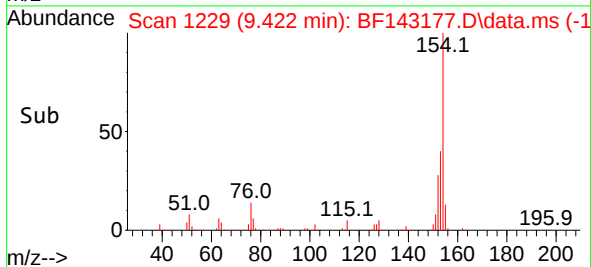
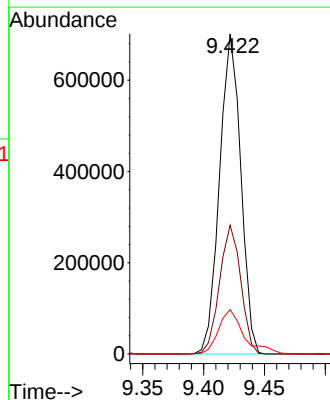
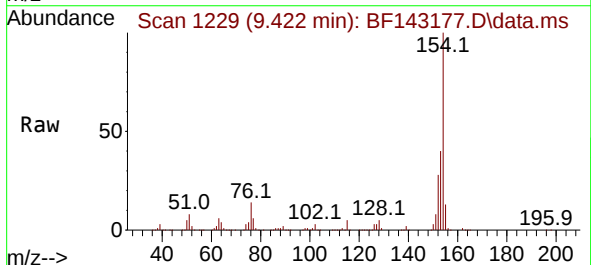
Tgt Ion:154 Resp: 852399

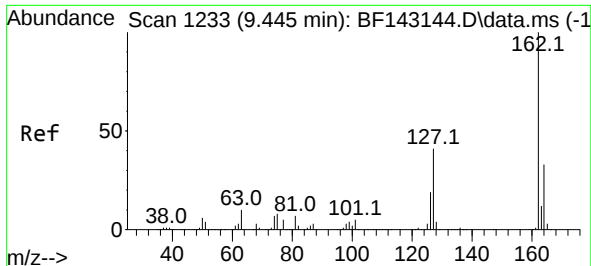
Ion Ratio Lower Upper

154 100

153 40.2 20.3 60.3

76 13.8 0.0 33.3

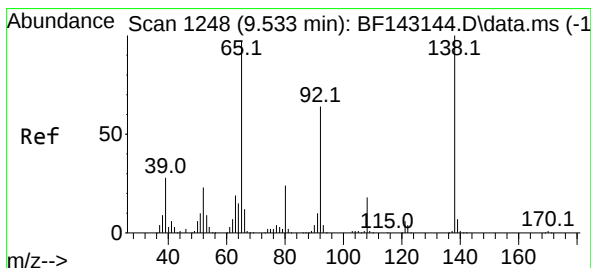
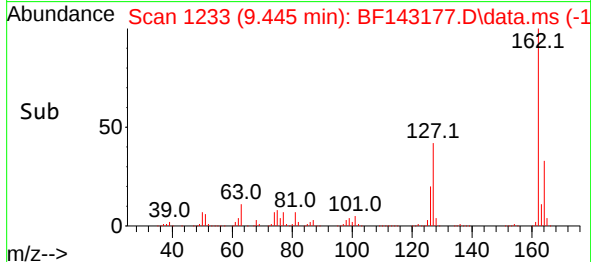
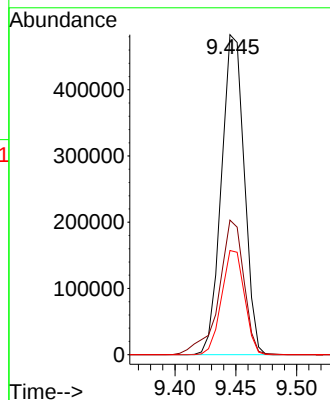
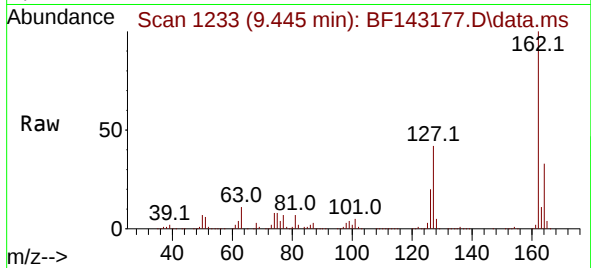




#47
2-Chloronaphthalene
Concen: 38.067 ng
RT: 9.445 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

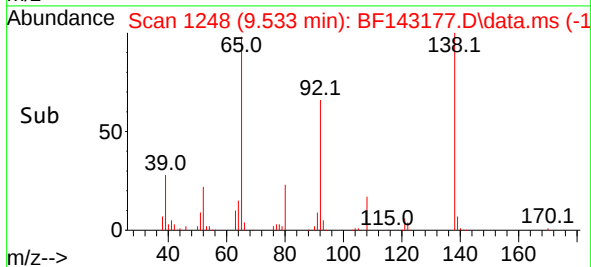
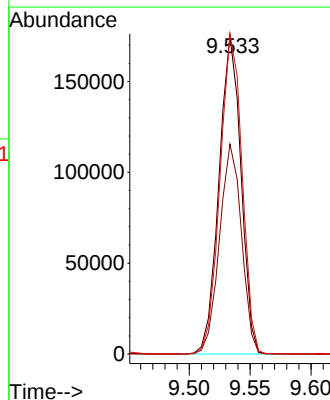
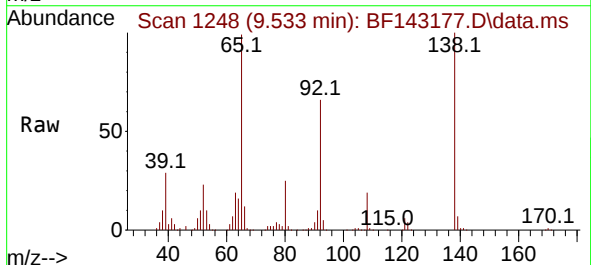
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

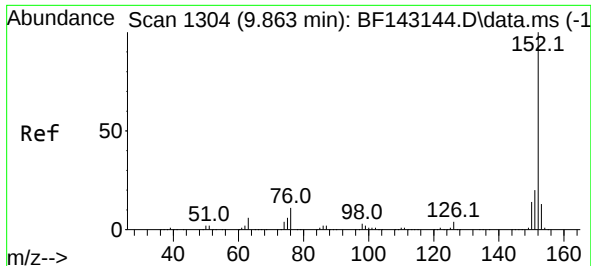
Tgt Ion:162 Resp: 630848
Ion Ratio Lower Upper
162 100
127 42.0 33.4 50.2
164 32.6 26.2 39.2



#48
2-Nitroaniline
Concen: 42.277 ng
RT: 9.533 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion: 65 Resp: 219714
Ion Ratio Lower Upper
65 100
92 65.9 52.4 78.6
138 100.5 82.3 123.5

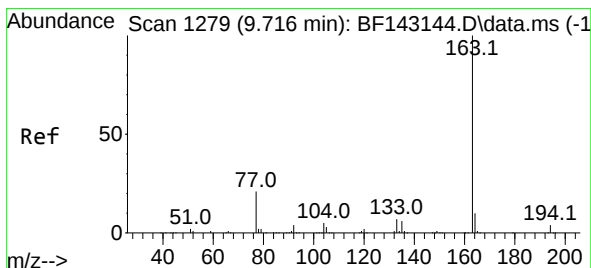
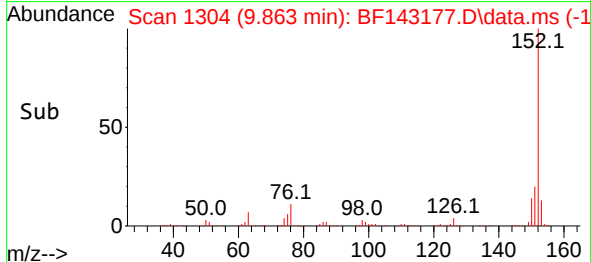
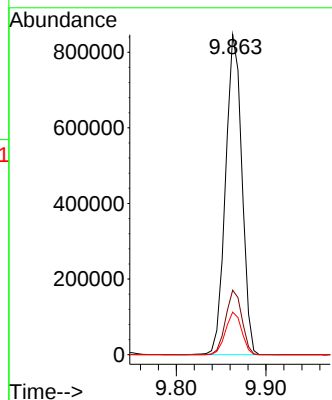
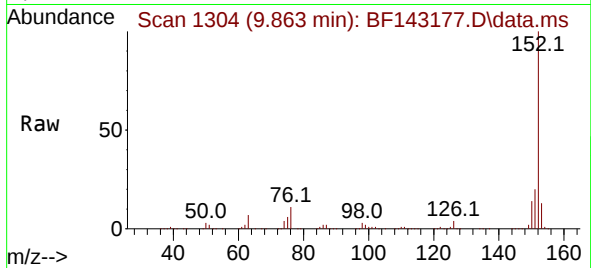




#49
Acenaphthylene
Concen: 38.541 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

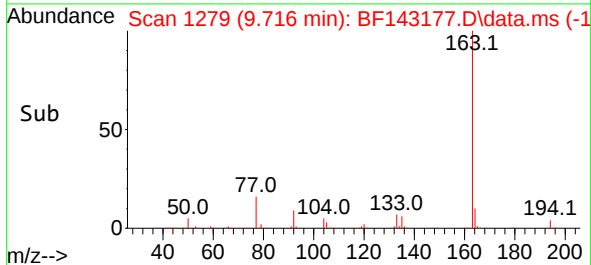
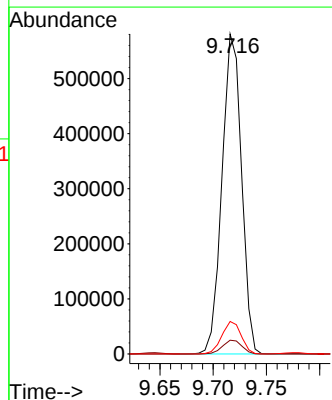
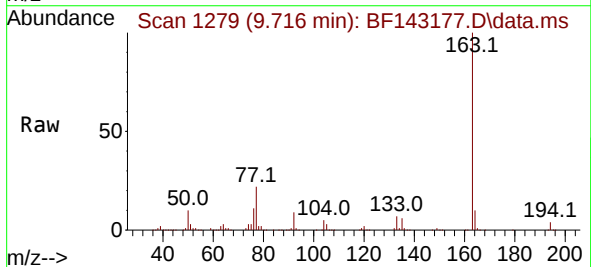
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

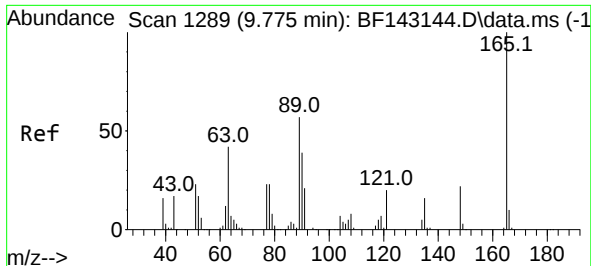
Tgt Ion:152 Resp: 1070369
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.3 10.6 16.0



#50
Dimethylphthalate
Concen: 39.501 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:163 Resp: 739129
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.1 8.3 12.5

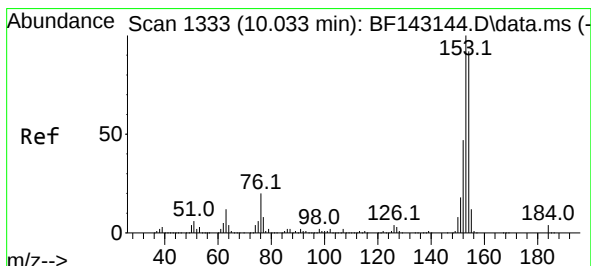
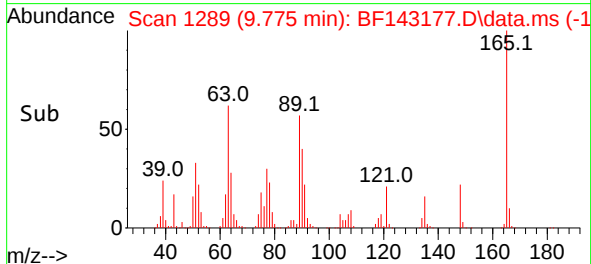
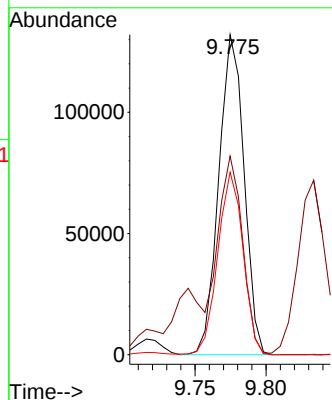
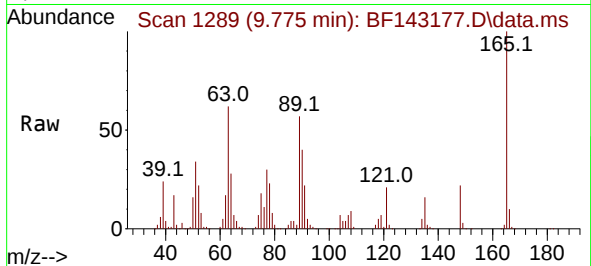




#51
2,6-Dinitrotoluene
Concen: 42.869 ng
RT: 9.775 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

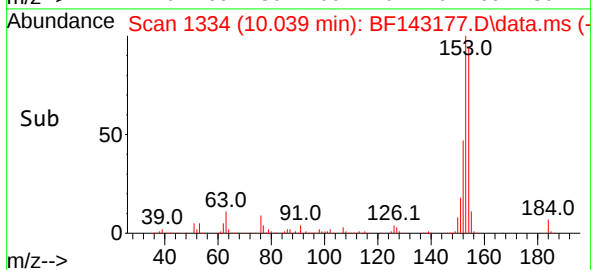
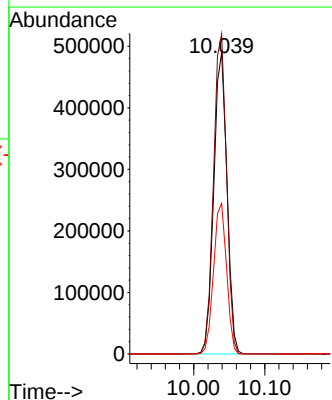
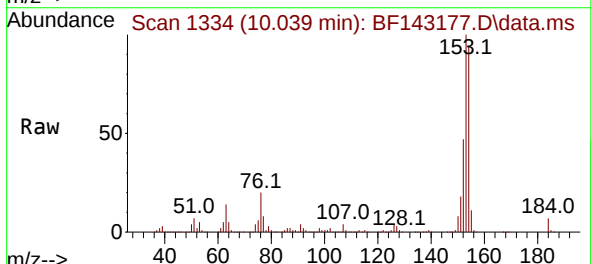
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

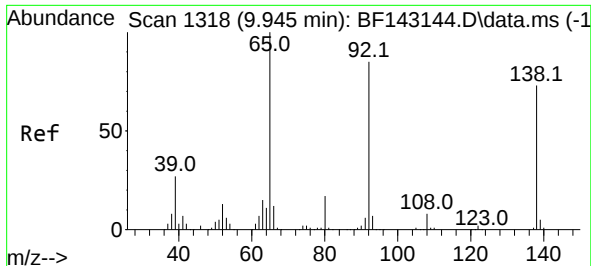
Tgt Ion:165 Resp: 163183
Ion Ratio Lower Upper
165 100
63 62.1 49.4 74.2
89 57.0 46.2 69.2



#52
Acenaphthene
Concen: 38.656 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:154 Resp: 634518
Ion Ratio Lower Upper
154 100
153 106.2 86.6 129.8
152 50.0 40.4 60.6

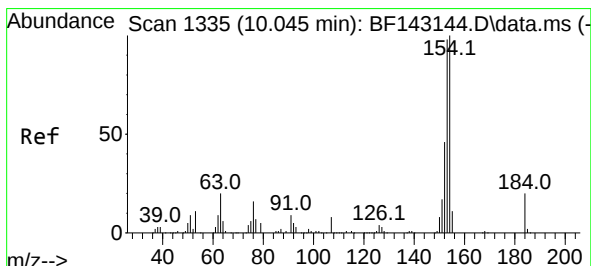
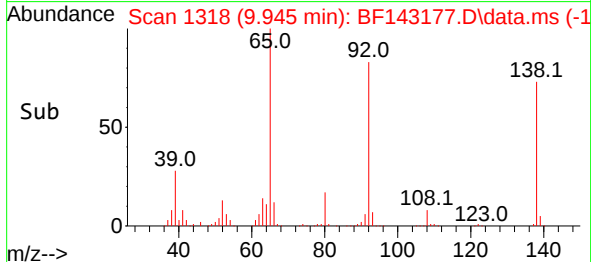
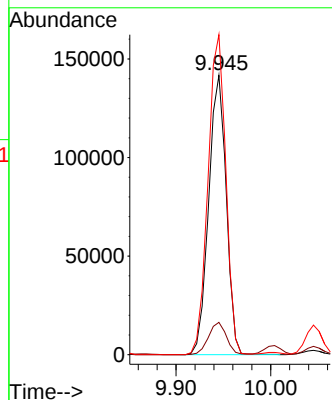
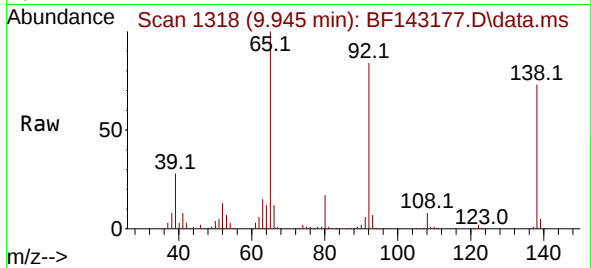




#53
3-Nitroaniline
Concen: 41.017 ng
RT: 9.945 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

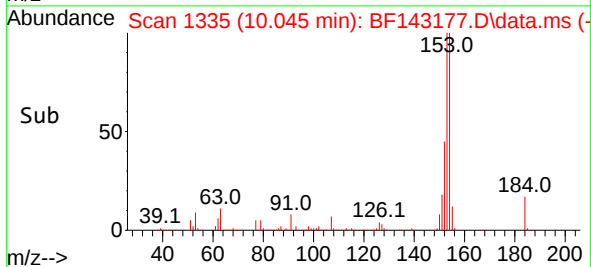
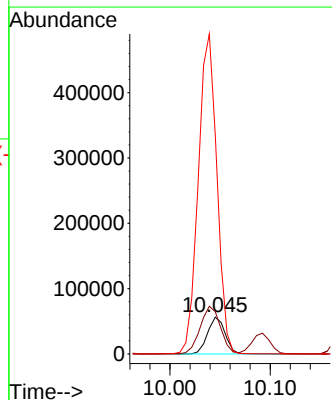
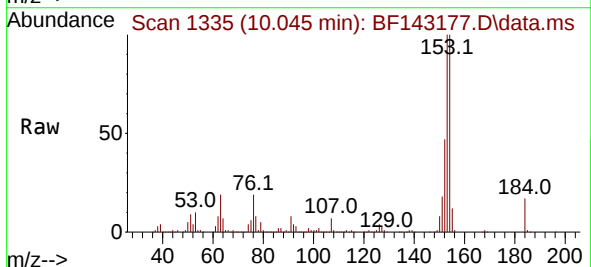
Instrument :
BNA_F
ClientSampleId :
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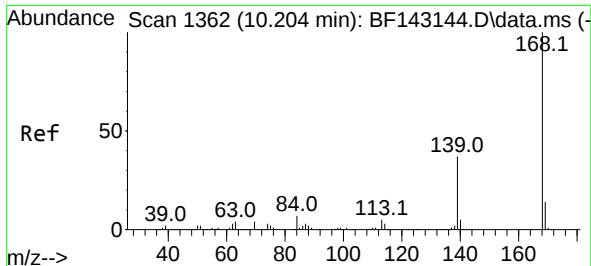
Tgt Ion:138 Resp: 182622
Ion Ratio Lower Upper
138 100
108 11.6 9.0 13.6
92 114.5 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 43.071 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:184 Resp: 68517
Ion Ratio Lower Upper
184 100
63 115.4 81.8 122.6
154 597.0 412.2 618.4

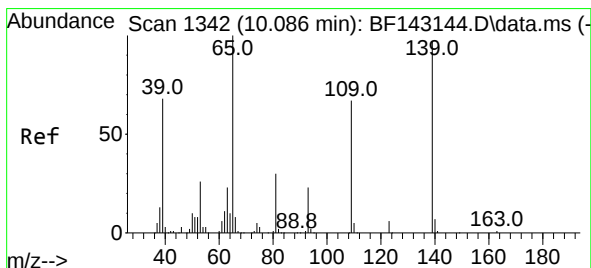
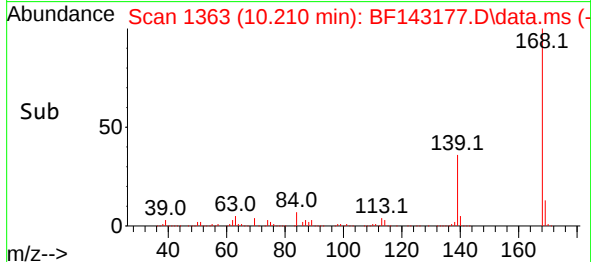
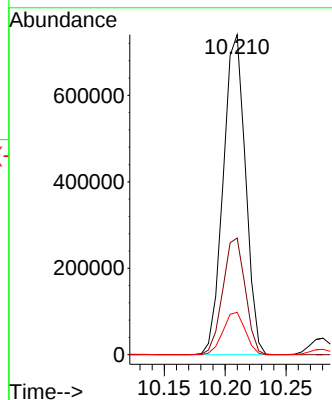
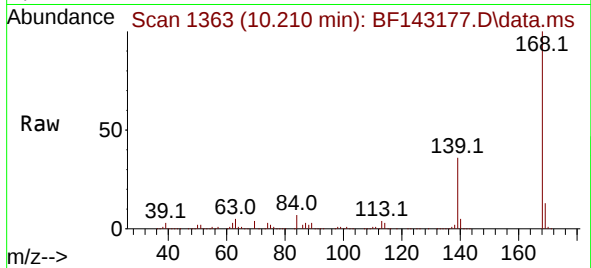




#55
Dibenzenofuran
Concen: 38.679 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

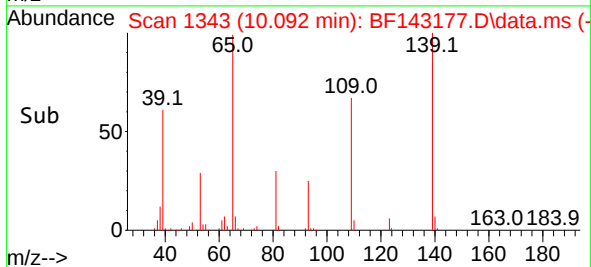
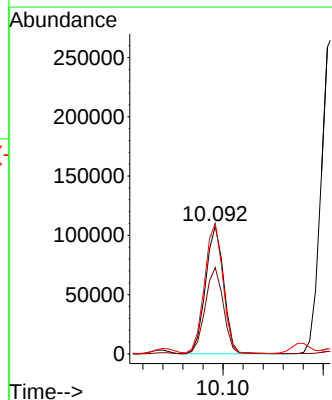
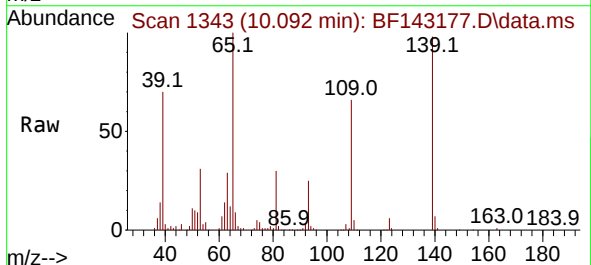
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

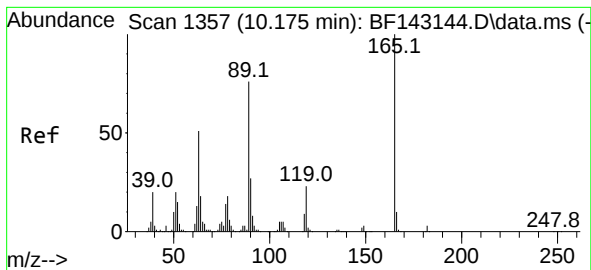
Tgt Ion:168 Resp: 942628
Ion Ratio Lower Upper
168 100
139 36.4 29.5 44.3
169 13.2 10.9 16.3



#56
4-Nitrophenol
Concen: 41.010 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:139 Resp: 136348
Ion Ratio Lower Upper
139 100
109 67.6 48.5 88.5
65 102.2 83.4 123.4

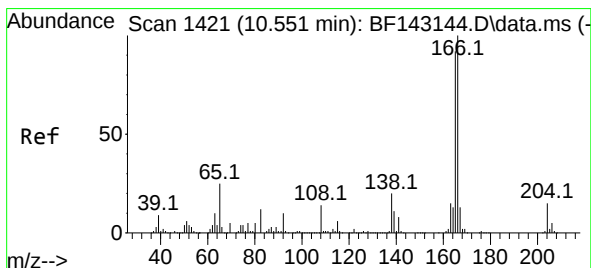
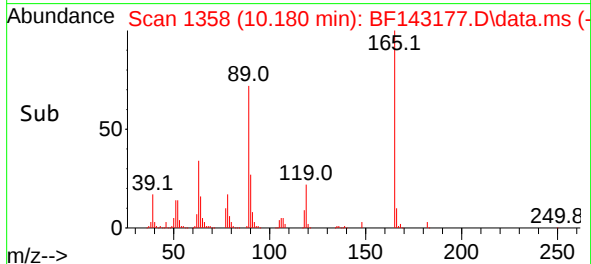
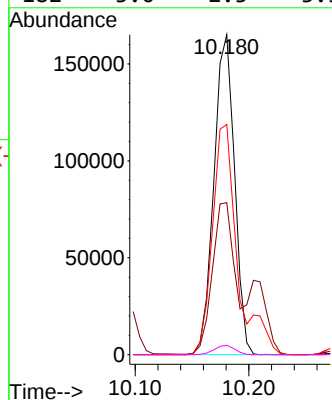
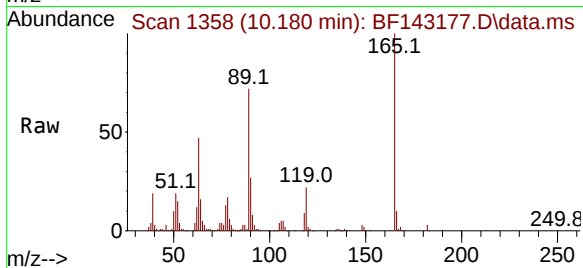




#57
2,4-Dinitrotoluene
Concen: 43.658 ng
RT: 10.180 min Scan# 1358
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

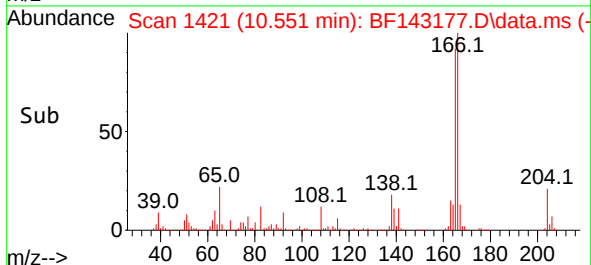
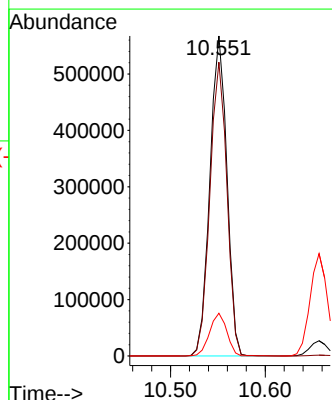
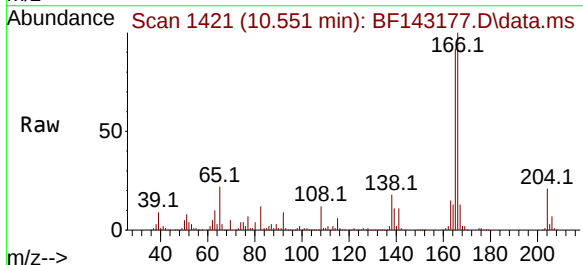
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

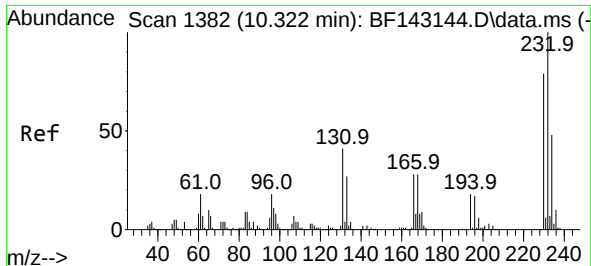
Tgt Ion:165 Resp: 208497
Ion Ratio Lower Upper
165 100
63 47.5 41.0 61.4
89 72.0 61.1 91.7
182 3.0 2.3 3.5



#58
Fluorene
Concen: 38.582 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:166 Resp: 705686
Ion Ratio Lower Upper
166 100
165 91.8 73.7 110.5
167 13.4 10.6 16.0

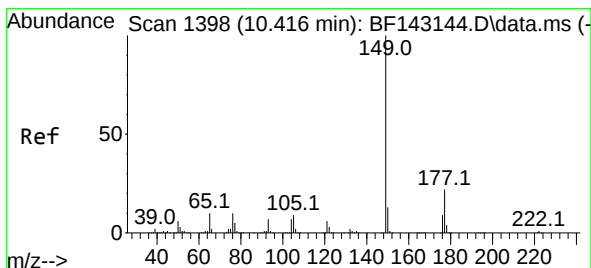
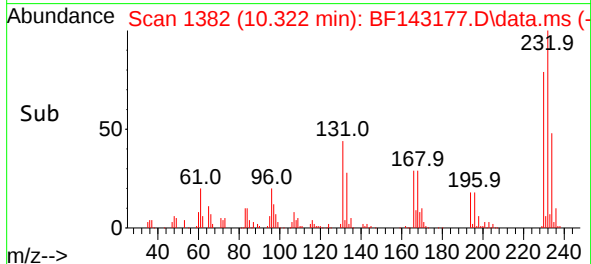
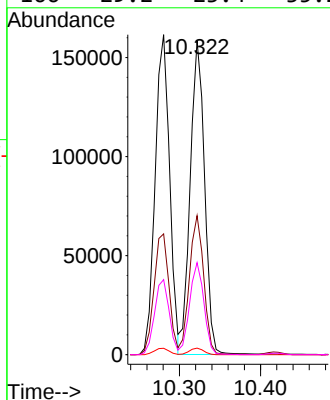
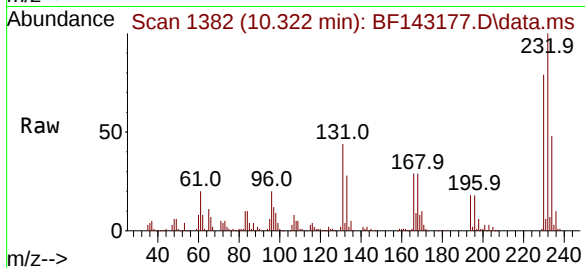




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.130 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

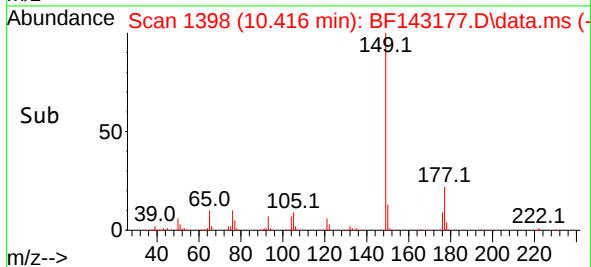
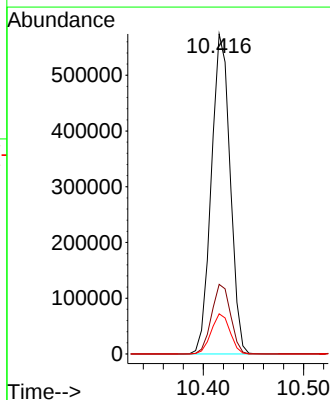
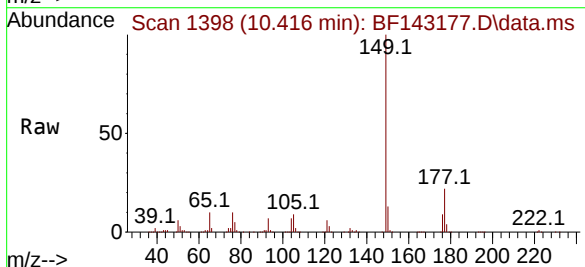
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

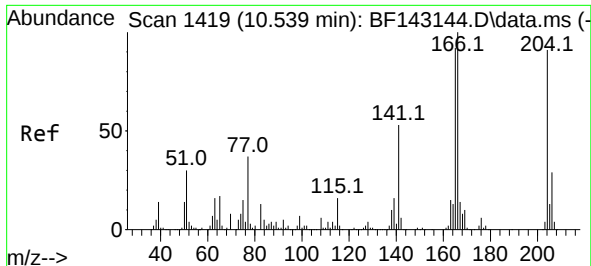
Tgt Ion:232 Resp: 195488
Ion Ratio Lower Upper
232 100
131 43.9 35.3 52.9
130 2.1 1.7 2.5
166 29.2 23.4 35.2



#60
Diethylphthalate
Concen: 40.297 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:149 Resp: 745293
Ion Ratio Lower Upper
149 100
177 21.8 17.5 26.3
150 12.5 10.2 15.2

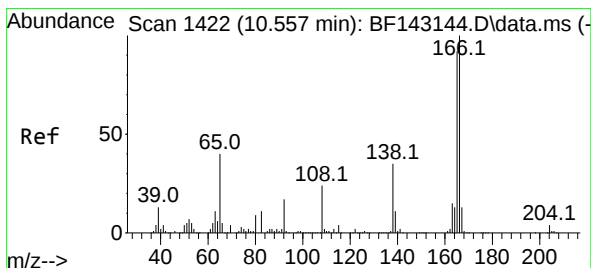
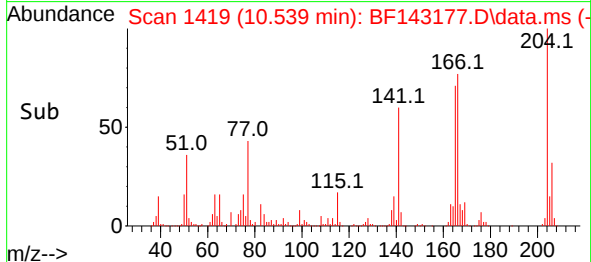
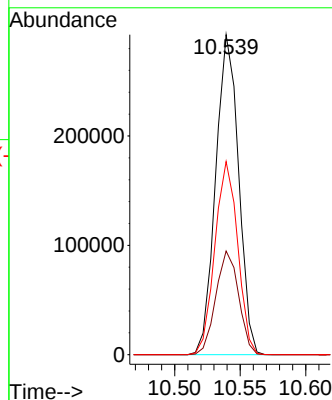
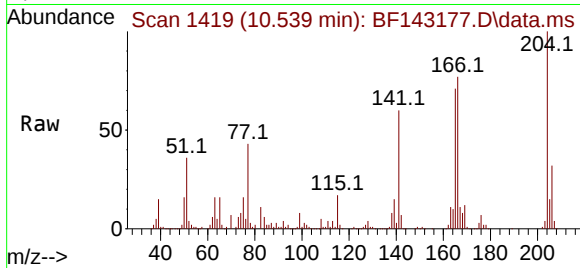




#61
4-Chlorophenyl-phenylether
Concen: 39.006 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

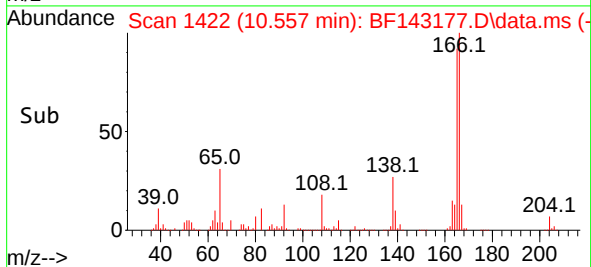
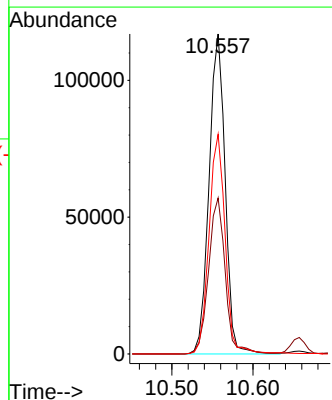
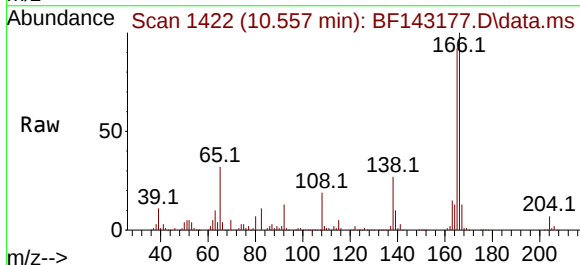
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

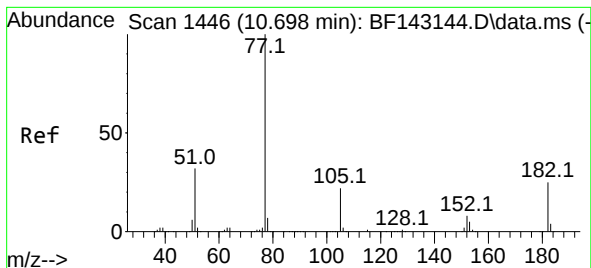
Tgt Ion:204 Resp: 355248
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.8
141 60.4 47.0 70.4



#62
4-Nitroaniline
Concen: 42.030 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:138 Resp: 160383
Ion Ratio Lower Upper
138 100
92 48.8 29.3 69.3
108 68.6 48.3 88.3





#63

Azobenzene

Concen: 39.955 ng

RT: 10.698 min Scan# 1446

Delta R.T. 0.000 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 770158

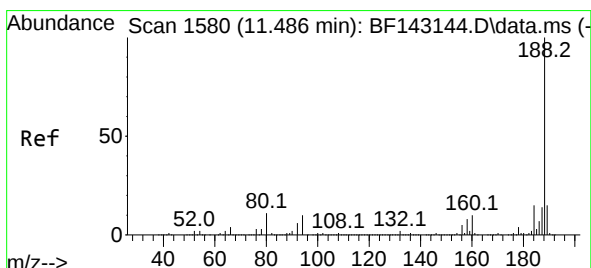
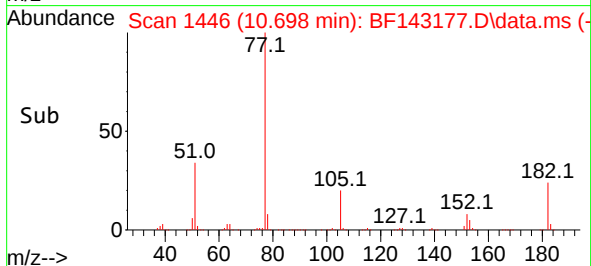
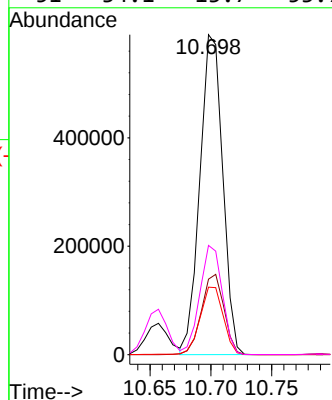
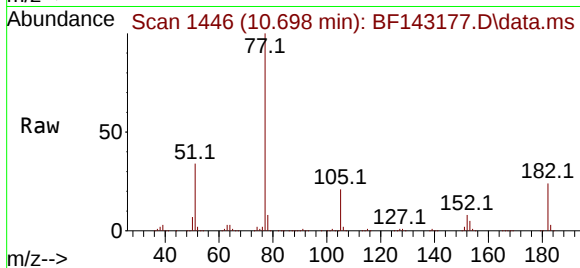
Ion Ratio Lower Upper

77 100

182 23.6 4.6 44.6

105 21.1 1.4 41.4

51 34.1 13.7 53.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

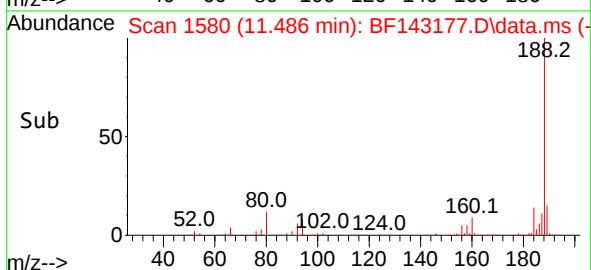
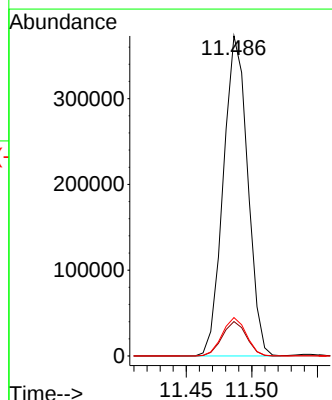
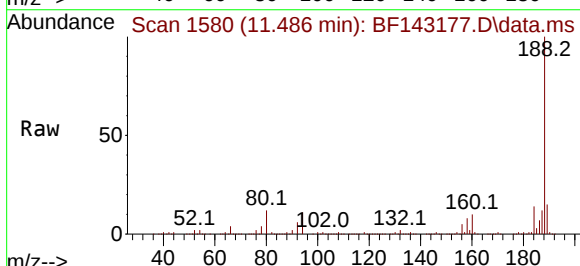
Tgt Ion:188 Resp: 481775

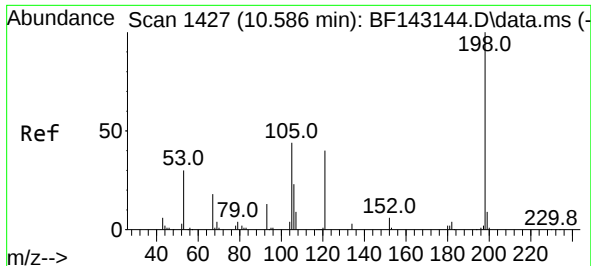
Ion Ratio Lower Upper

188 100

94 10.7 8.3 12.5

80 12.0 9.0 13.6

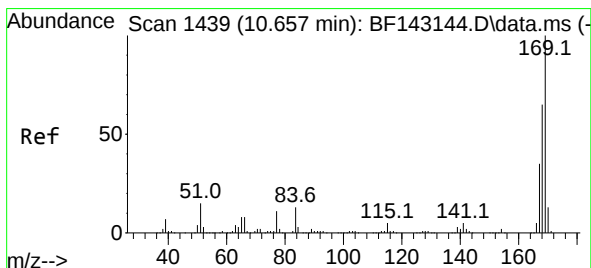
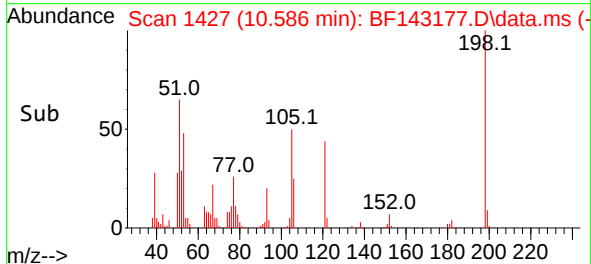
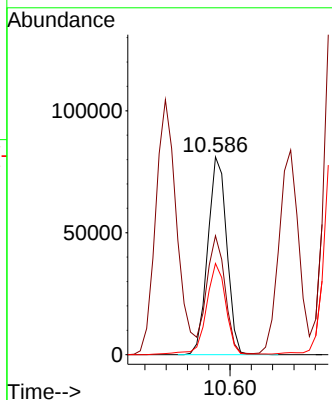
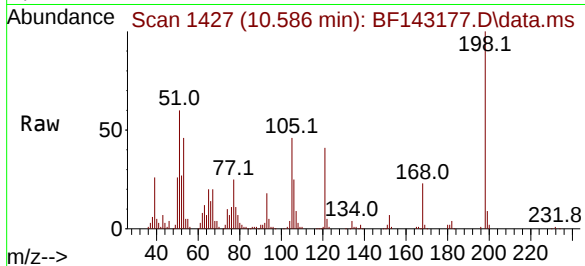




#65
4,6-Dinitro-2-methylphenol
Concen: 40.643 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

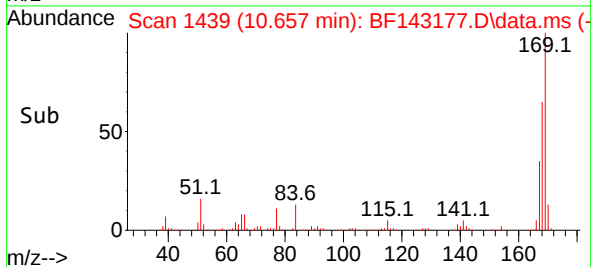
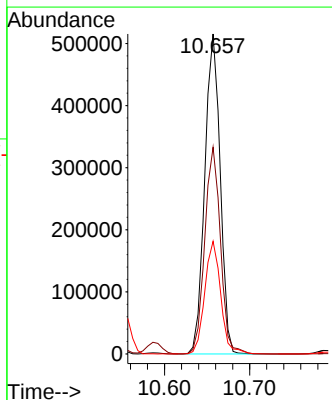
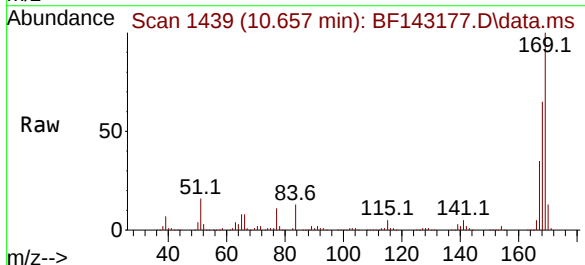
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

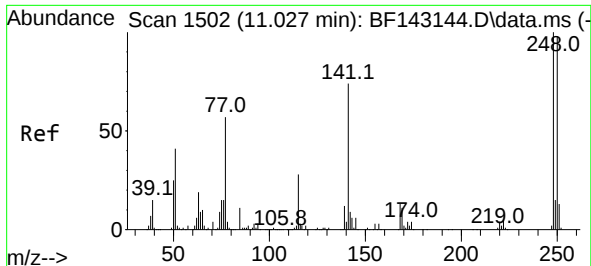
Tgt Ion:198 Resp: 100286
Ion Ratio Lower Upper
198 100
51 60.1 37.2 77.2
105 46.2 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 38.190 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:169 Resp: 647888
Ion Ratio Lower Upper
169 100
168 64.6 52.1 78.1
167 35.2 28.2 42.2

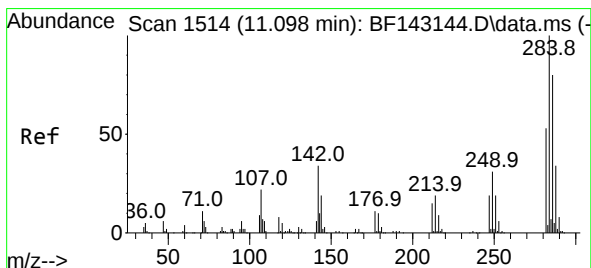
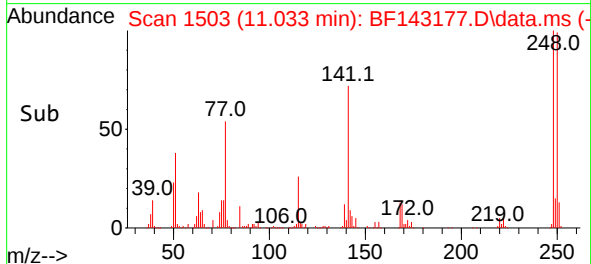
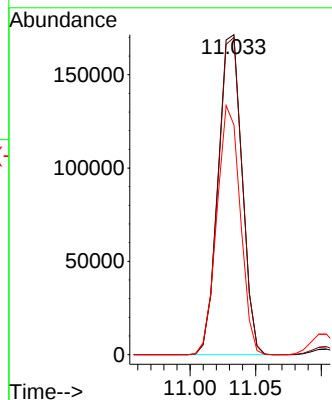
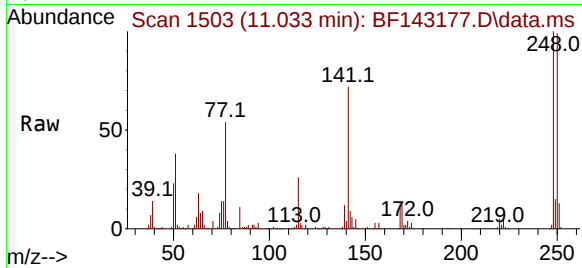




#67
4-Bromophenyl-phenylether
Concen: 37.943 ng
RT: 11.033 min Scan# 11033
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

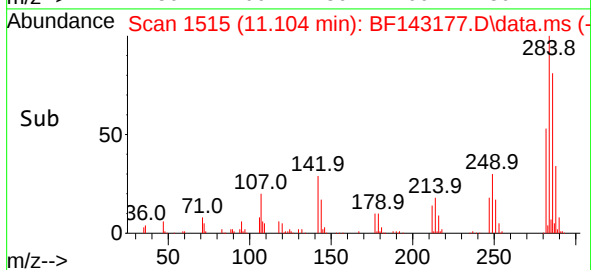
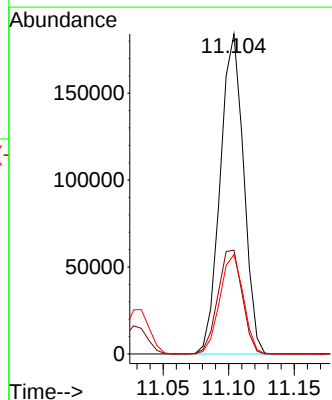
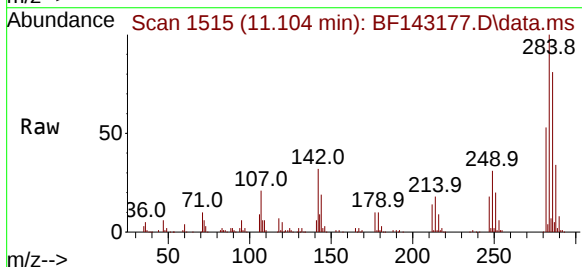
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

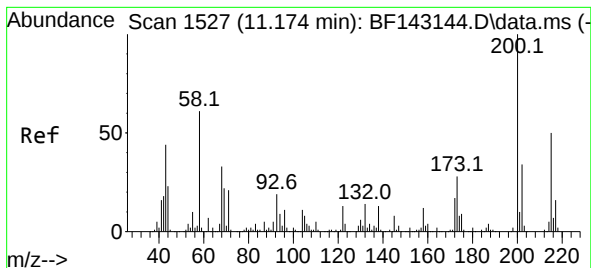
Tgt Ion:248 Resp: 217849
Ion Ratio Lower Upper
248 100
250 99.1 78.3 117.5
141 71.8 59.2 88.8



#68
Hexachlorobenzene
Concen: 38.002 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:284 Resp: 228054
Ion Ratio Lower Upper
284 100
142 32.5 27.0 40.6
249 31.1 25.0 37.6





#69

Atrazine

Concen: 41.506 ng

RT: 11.180 min Scan# 1528

Delta R.T. 0.006 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

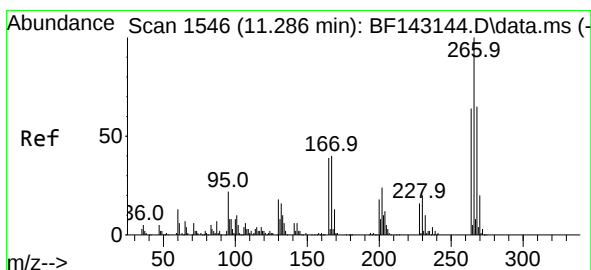
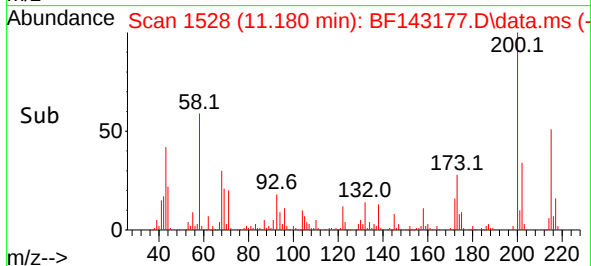
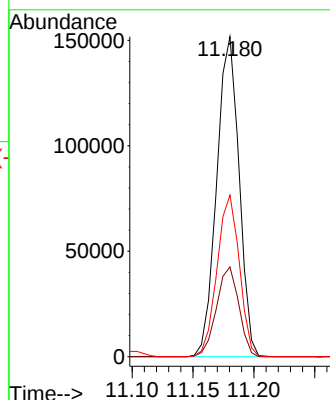
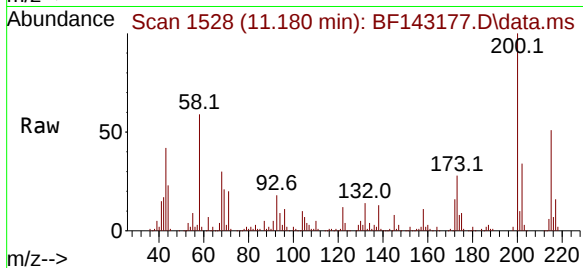
Tgt Ion:200 Resp: 194126

Ion Ratio Lower Upper

200 100

173 28.0 7.9 47.9

215 50.5 30.1 70.1



#70

Pentachlorophenol

Concen: 41.596 ng

RT: 11.286 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

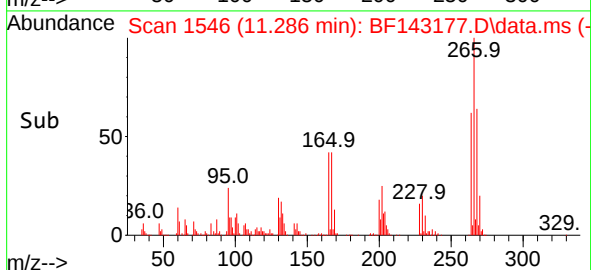
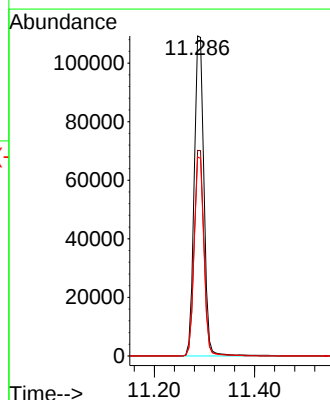
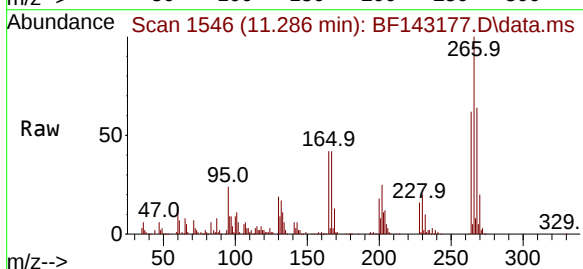
Tgt Ion:266 Resp: 146798

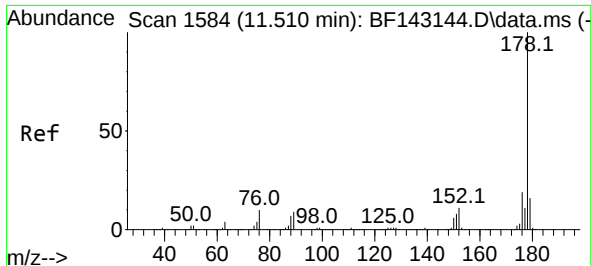
Ion Ratio Lower Upper

266 100

268 64.3 51.9 77.9

264 62.2 51.0 76.6

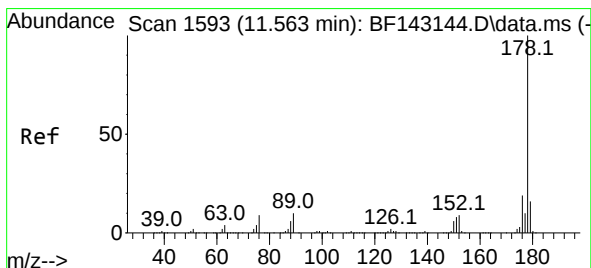
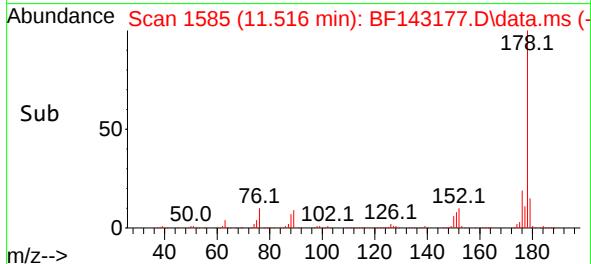
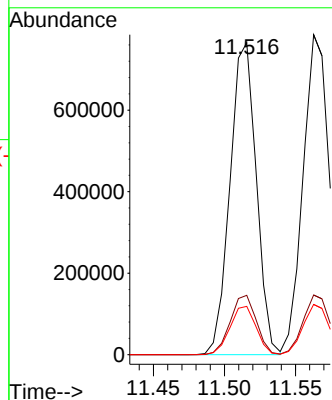
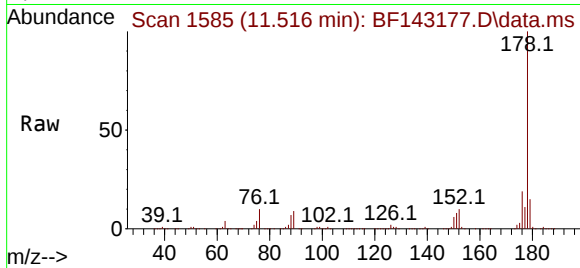




#71
Phenanthrene
Concen: 38.546 ng
RT: 11.516 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

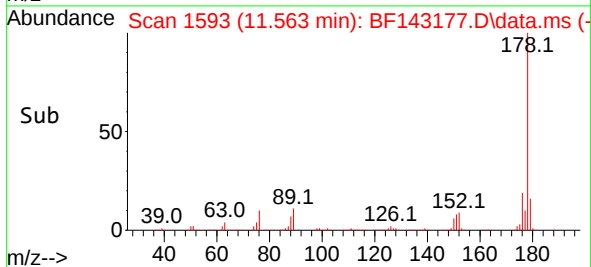
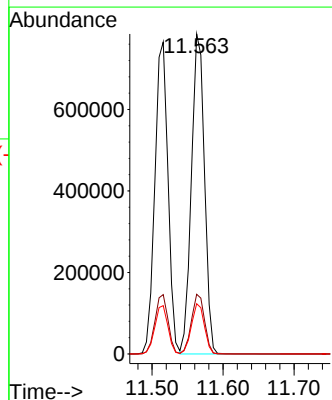
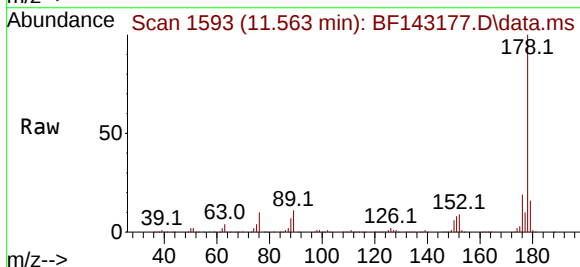
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

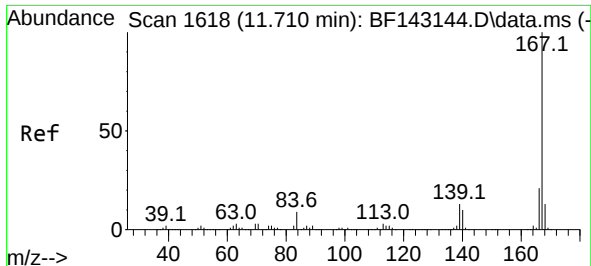
Tgt Ion:178 Resp: 986033
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.5 12.5 18.7



#72
Anthracene
Concen: 38.560 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:178 Resp: 1006010
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.7 12.5 18.7

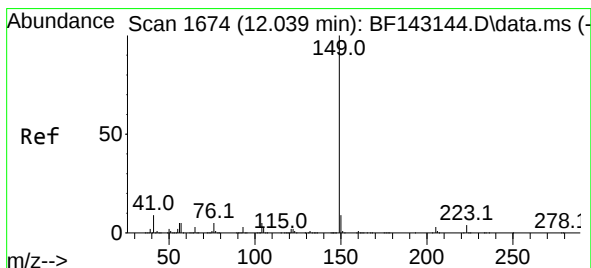
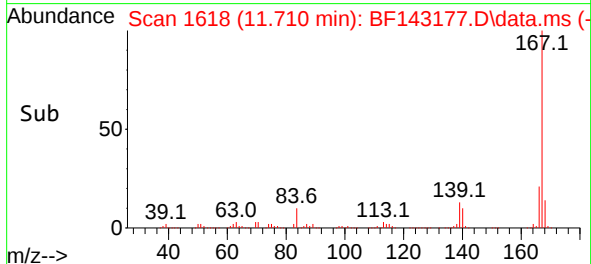
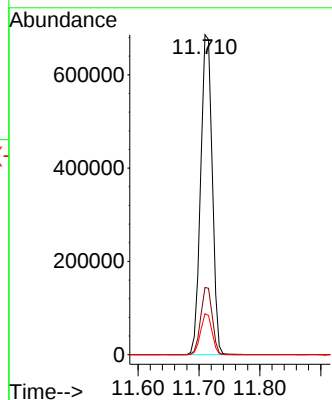
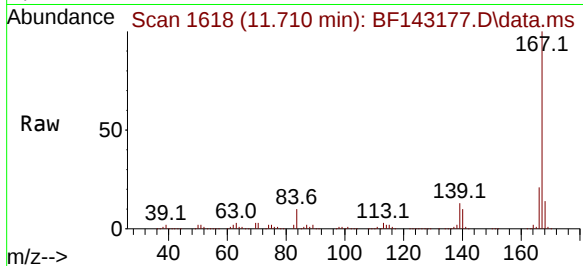




#73
 Carbazole
 Concen: 39.755 ng
 RT: 11.710 min Scan# 1618
 Delta R.T. 0.000 min
 Lab File: BF143177.D
 Acq: 22 Jul 2025 08:46

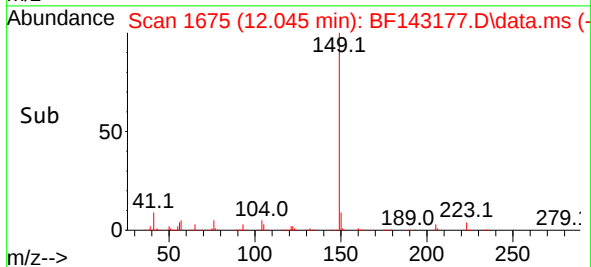
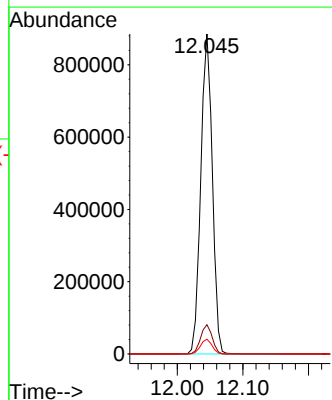
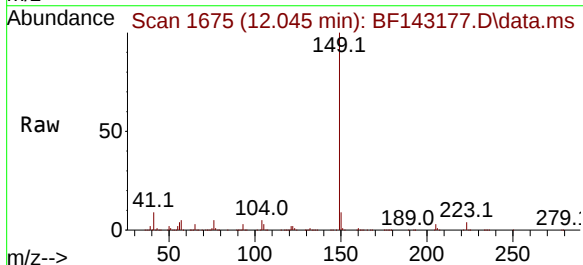
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

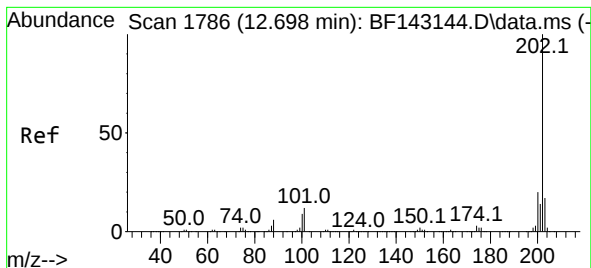
Tgt Ion:167 Resp: 905667
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.0 25.6
 139 12.8 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 42.111 ng
 RT: 12.045 min Scan# 1675
 Delta R.T. 0.006 min
 Lab File: BF143177.D
 Acq: 22 Jul 2025 08:46

Tgt Ion:149 Resp: 1085481
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.6 3.8 5.8





#75

Fluoranthene

Concen: 41.148 ng

RT: 12.704 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

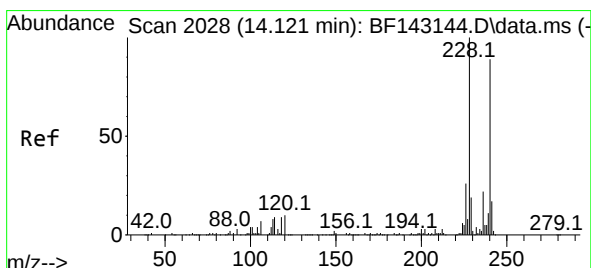
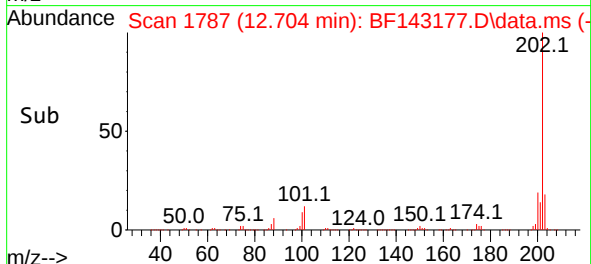
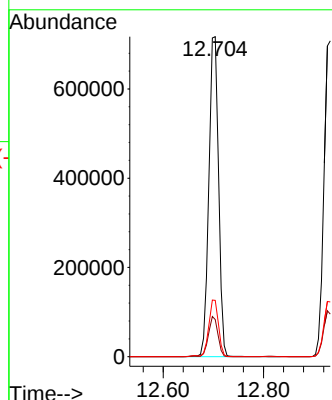
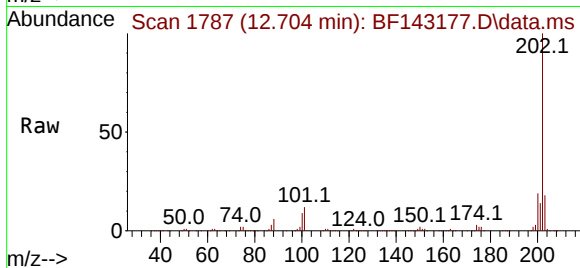
Tgt Ion:202 Resp: 966154

Ion Ratio Lower Upper

202 100

101 11.6 0.0 31.7

203 17.6 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

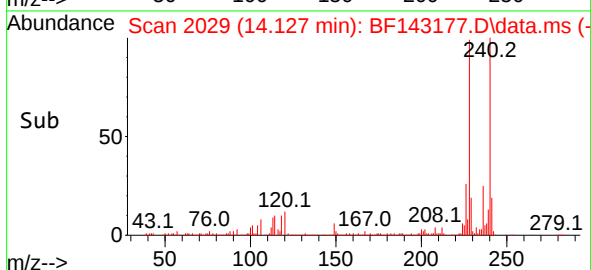
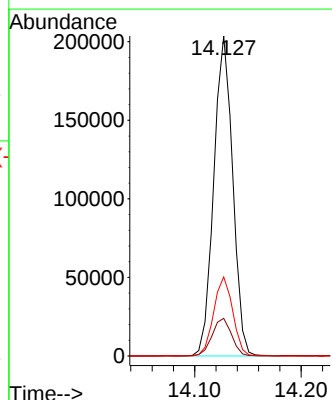
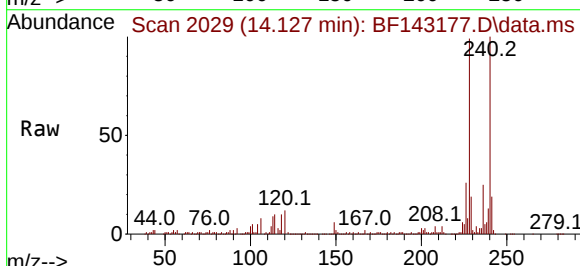
Tgt Ion:240 Resp: 251217

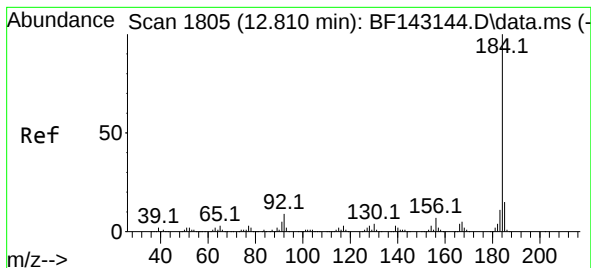
Ion Ratio Lower Upper

240 100

120 11.8 9.4 14.2

236 24.7 20.2 30.4





#77

Benzidine

Concen: 22.544 ng

RT: 12.810 min Scan# 1805

Delta R.T. -0.000 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

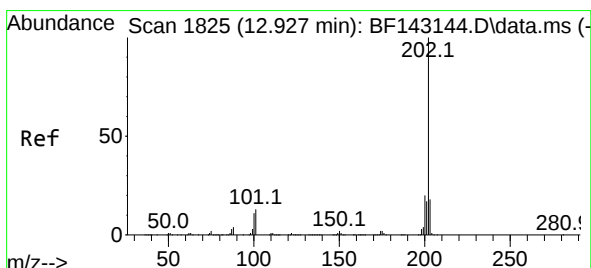
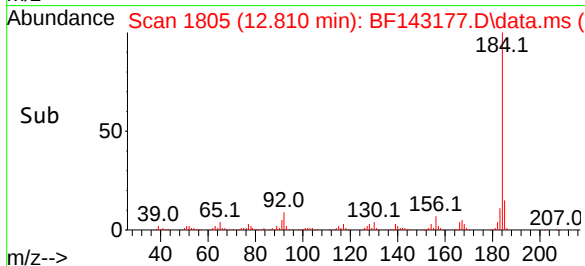
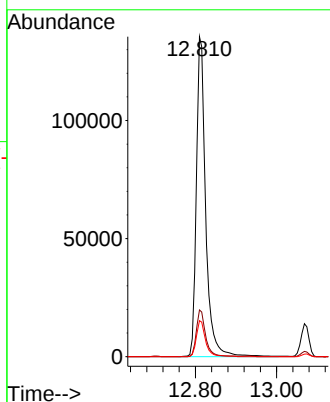
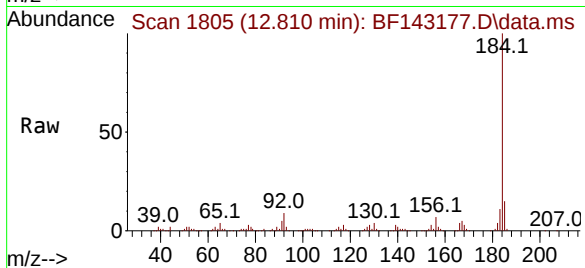
Tgt Ion:184 Resp: 218195

Ion Ratio Lower Upper

184 100

185 14.6 12.2 18.4

183 11.2 9.0 13.4



#78

Pyrene

Concen: 44.341 ng

RT: 12.933 min Scan# 1826

Delta R.T. 0.006 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

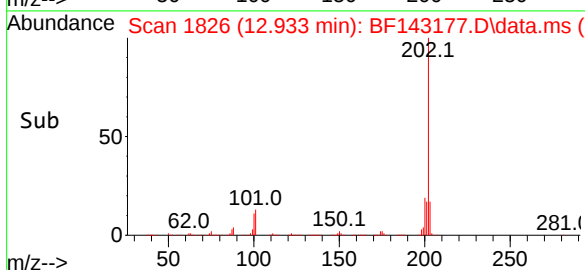
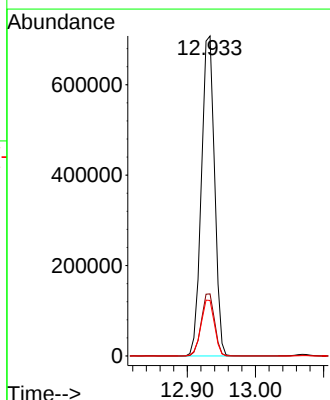
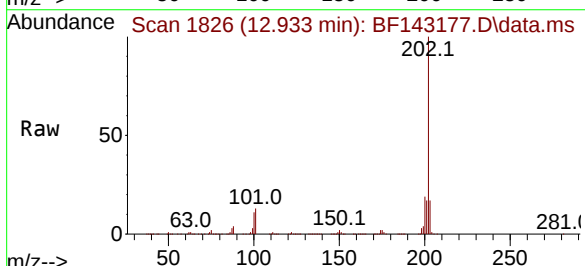
Tgt Ion:202 Resp: 950663

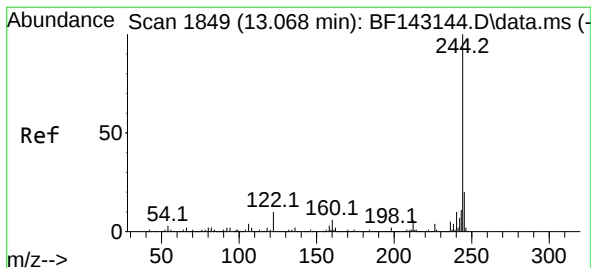
Ion Ratio Lower Upper

202 100

200 19.4 15.7 23.5

203 17.3 14.2 21.2





#79

Terphenyl-d14

Concen: 86.285 ng

RT: 13.069 min Scan# 1849

Delta R.T. 0.000 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

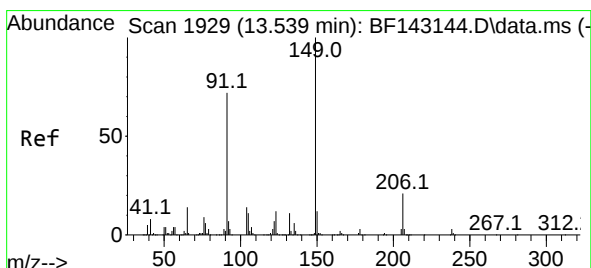
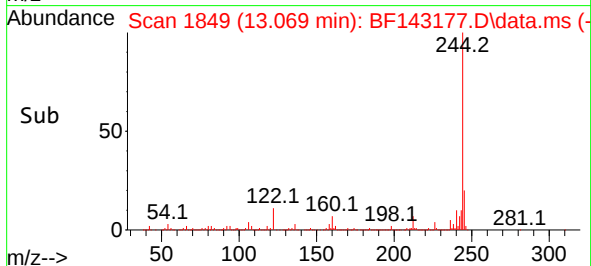
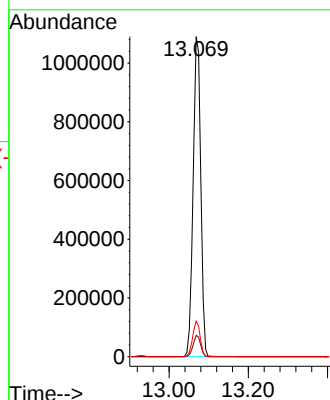
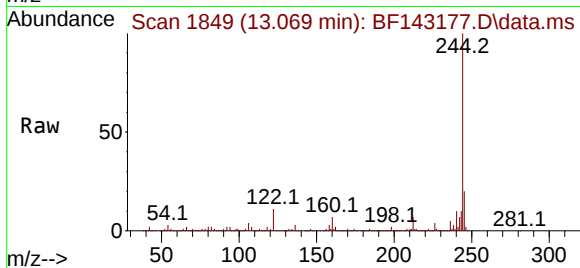
Tgt Ion:244 Resp: 1456637

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

122 11.1 8.2 12.2



#80

Butylbenzylphthalate

Concen: 47.491 ng

RT: 13.539 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

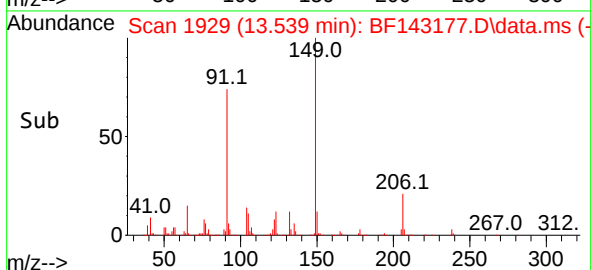
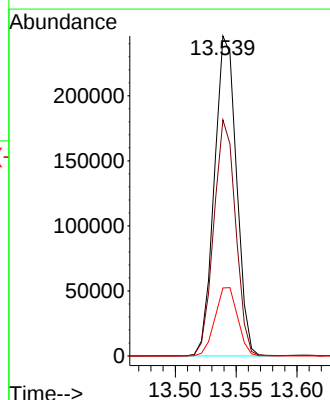
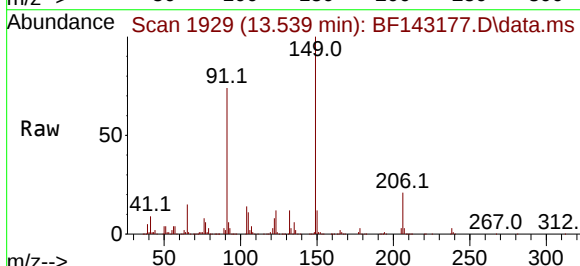
Tgt Ion:149 Resp: 311792

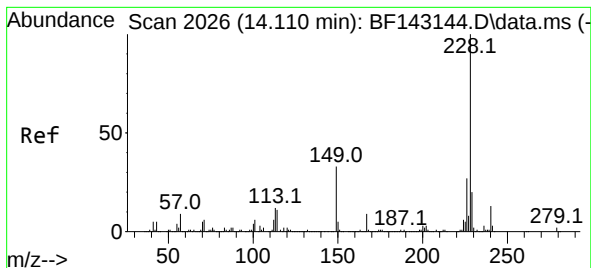
Ion Ratio Lower Upper

149 100

91 73.8 57.9 86.9

206 21.3 17.0 25.4





#81

Benzo(a)anthracene

Concen: 38.651 ng

RT: 14.116 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

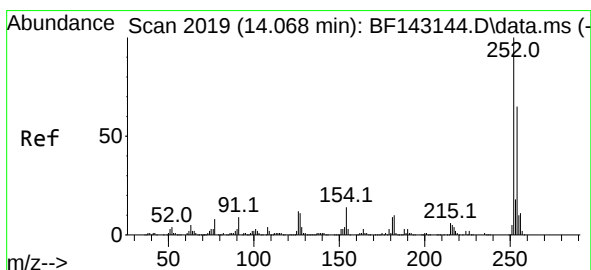
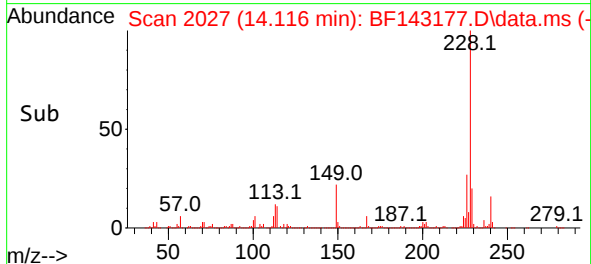
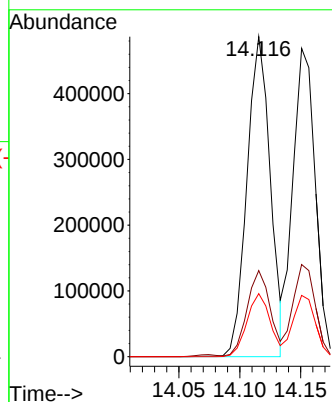
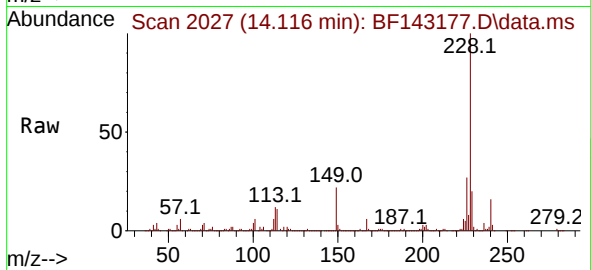
Tgt Ion:228 Resp: 650070

Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 38.517 ng

RT: 14.074 min Scan# 2020

Delta R.T. 0.006 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

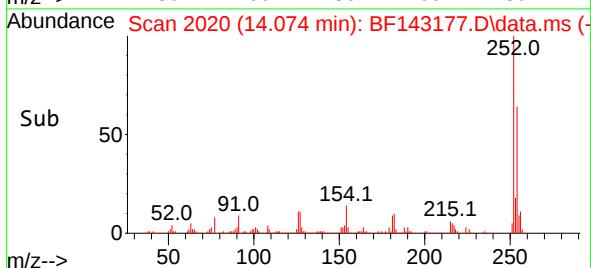
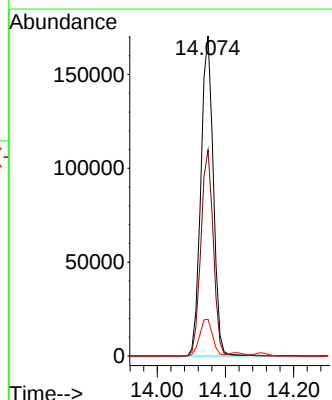
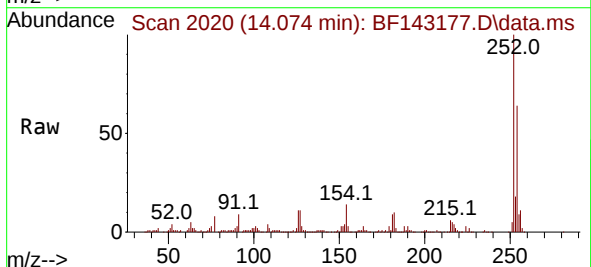
Tgt Ion:252 Resp: 215912

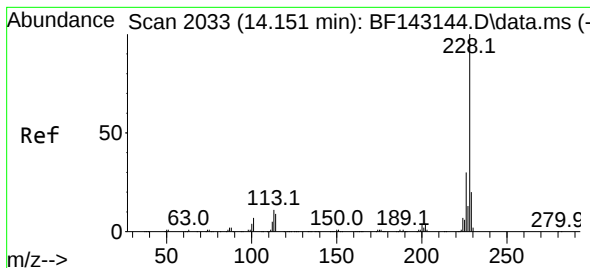
Ion Ratio Lower Upper

252 100

254 64.3 51.7 77.5

126 11.4 9.4 14.0





#83

Chrysene

Concen: 39.537 ng

RT: 14.151 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

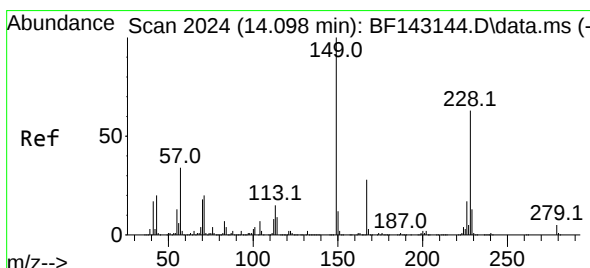
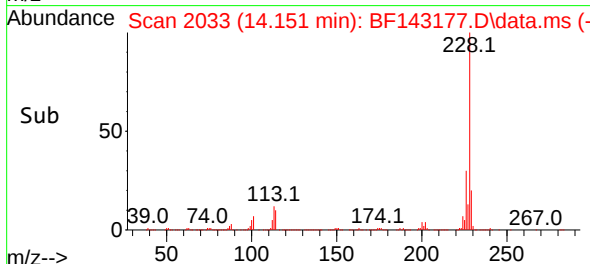
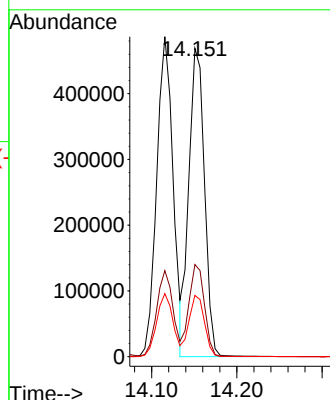
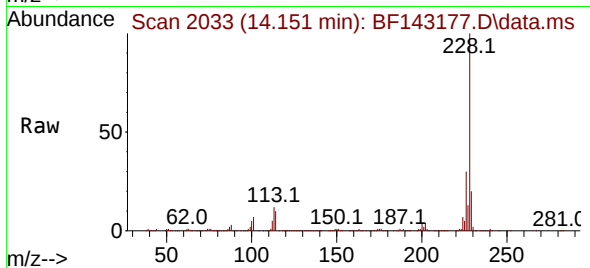
Tgt Ion:228 Resp: 597875

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.663 ng

RT: 14.104 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

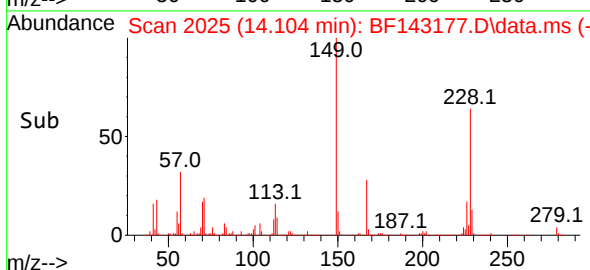
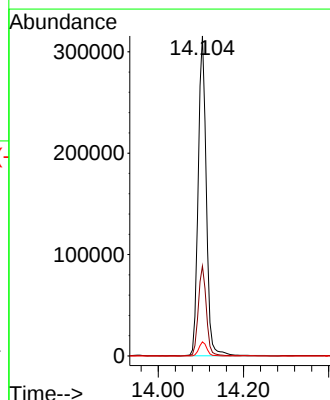
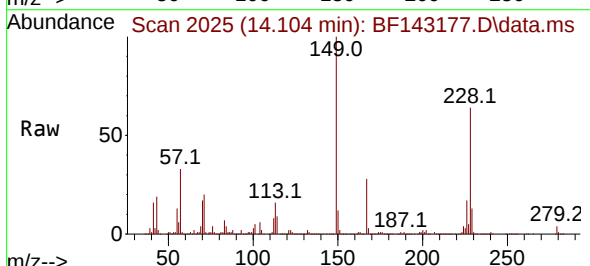
Tgt Ion:149 Resp: 414006

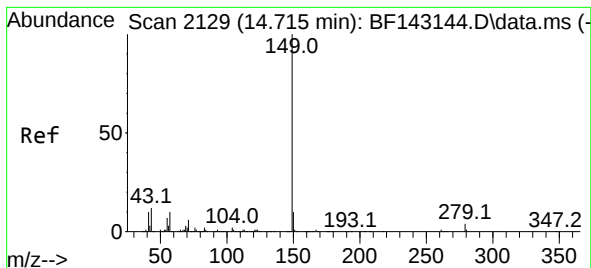
Ion Ratio Lower Upper

149 100

167 28.1 22.3 33.5

279 4.4 3.6 5.4

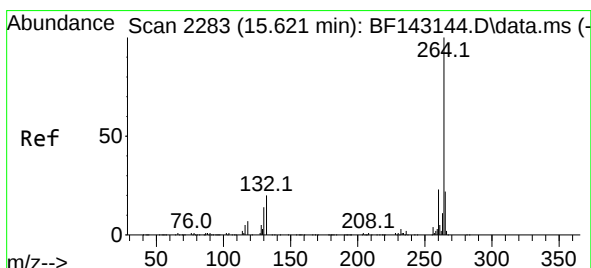
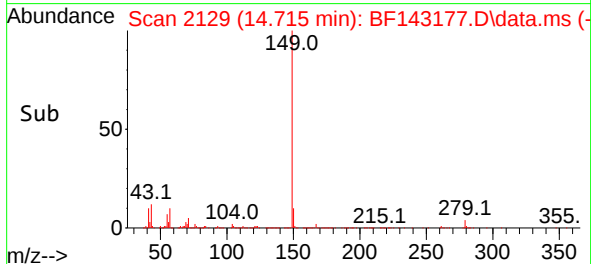
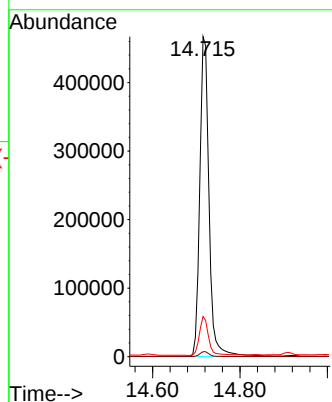
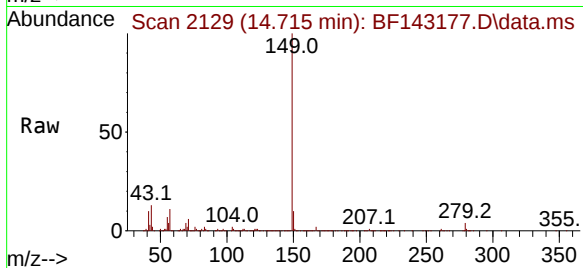




#85
Di-n-octyl phthalate
Concen: 38.026 ng
RT: 14.715 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

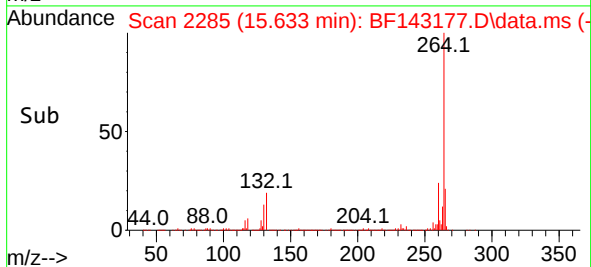
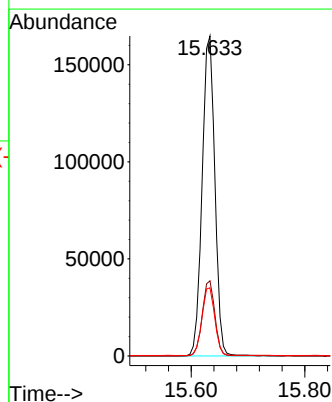
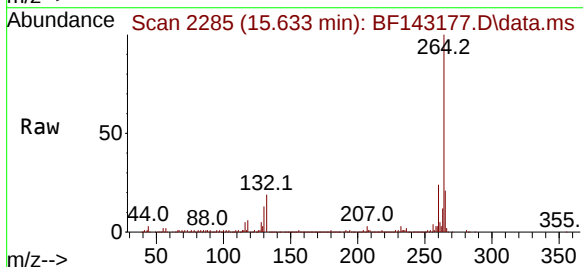
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

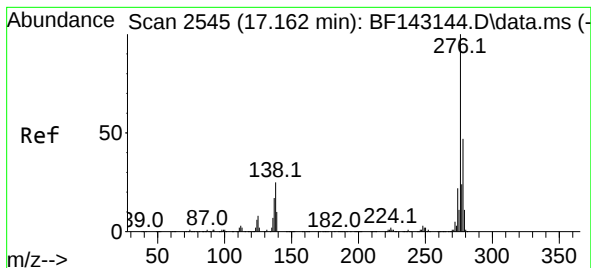
Tgt Ion:149 Resp: 684937
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 12.2 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. 0.012 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:264 Resp: 256275
Ion Ratio Lower Upper
264 100
260 23.5 18.5 27.7
265 21.3 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.981 ng

RT: 17.174 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

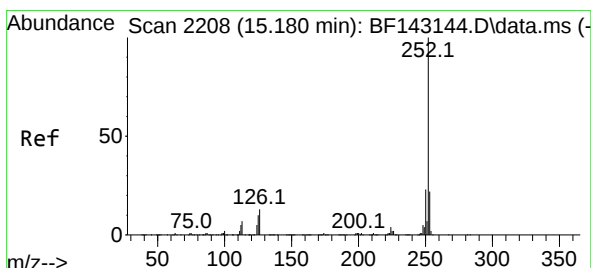
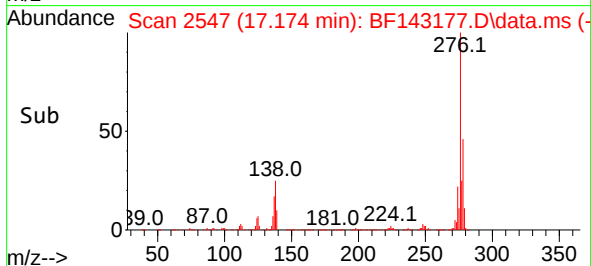
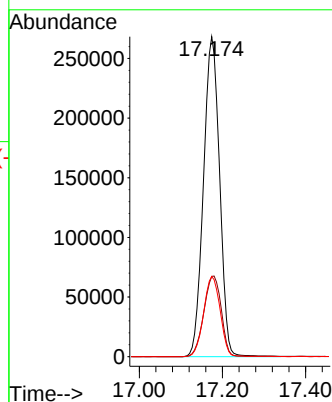
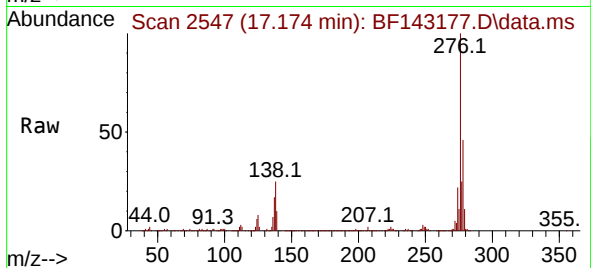
Tgt Ion:276 Resp: 722484

Ion Ratio Lower Upper

276 100

138 27.2 21.8 32.6

277 25.7 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 41.508 ng

RT: 15.186 min Scan# 2209

Delta R.T. 0.006 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

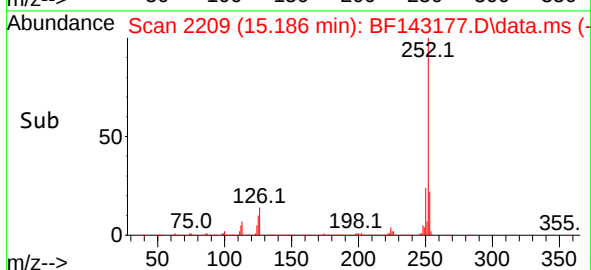
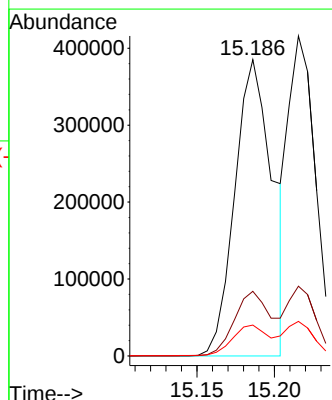
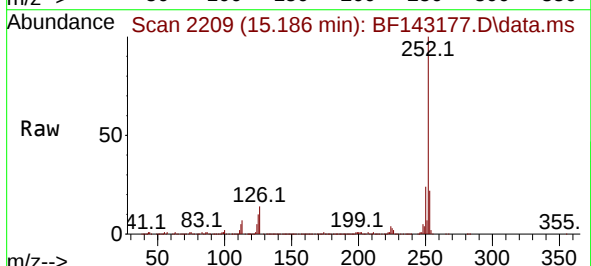
Tgt Ion:252 Resp: 649846

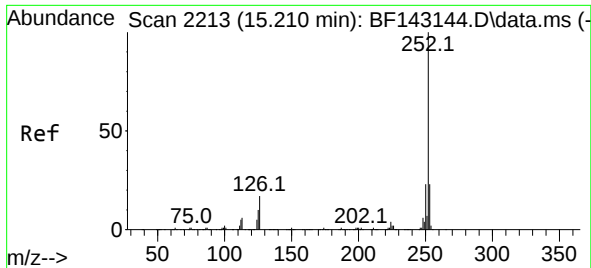
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.4 8.0 12.0

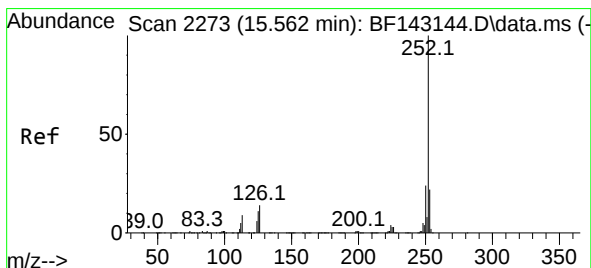
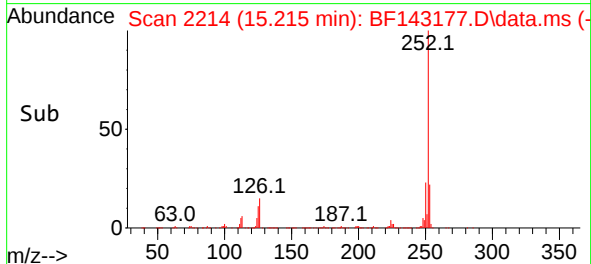
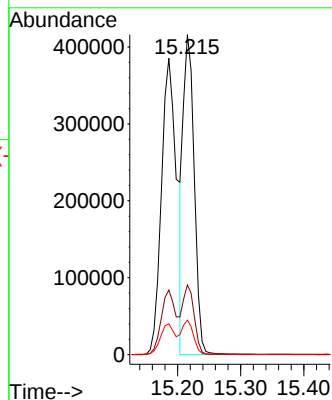
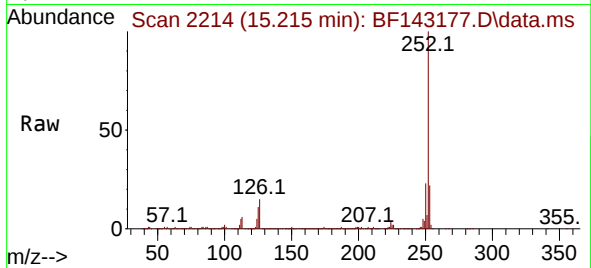




#89
Benzo(k)fluoranthene
Concen: 36.301 ng
RT: 15.215 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

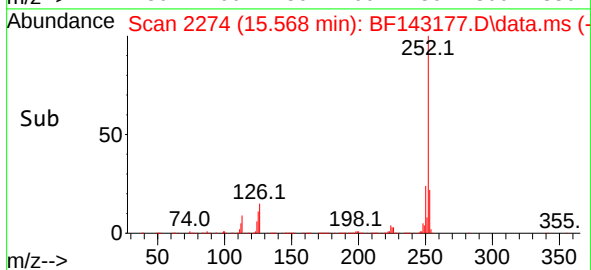
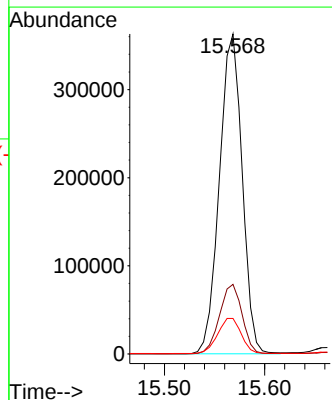
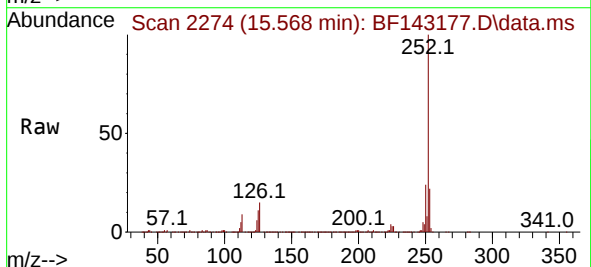
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

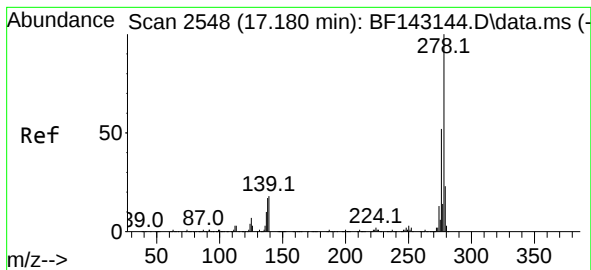
Tgt Ion:252 Resp: 507153
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 10.8 8.1 12.1



#90
Benzo(a)pyrene
Concen: 39.651 ng
RT: 15.568 min Scan# 2274
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:252 Resp: 571955
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 11.1 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 40.175 ng

RT: 17.192 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

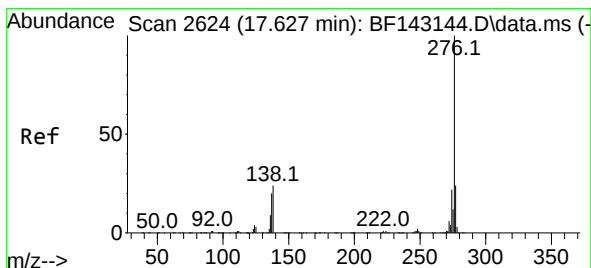
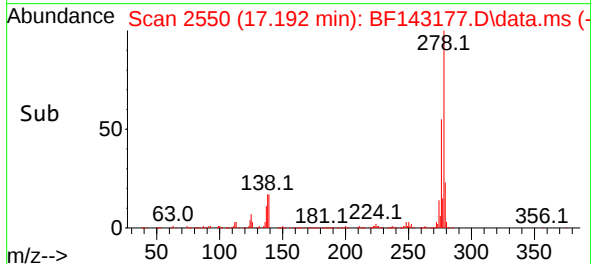
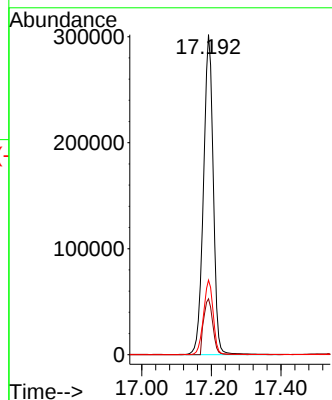
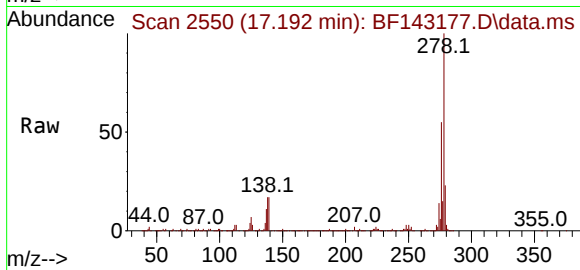
Tgt Ion:278 Resp: 590913

Ion Ratio Lower Upper

278 100

139 17.4 14.1 21.1

279 23.3 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 40.914 ng

RT: 17.645 min Scan# 2627

Delta R.T. 0.018 min

Lab File: BF143177.D

Acq: 22 Jul 2025 08:46

Tgt Ion:276 Resp: 582117

Ion Ratio Lower Upper

276 100

277 23.1 19.1 28.7

138 23.1 18.9 28.3

