

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
 Data File : BF143162.D
 Acq On : 18 Jul 2025 12:53
 Operator : RC/JU
 Sample : PB168904BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168904BS

Quant Time: Jul 18 13:12:29 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	140840	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	541427	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	282216	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	448321	20.000	ng	0.00
76) Chrysene-d12	14.121	240	250022	20.000	ng	0.00
86) Perylene-d12	15.621	264	283255	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	708845	79.645	ng	0.00
7) Phenol-d6	6.581	99	905876	80.865	ng	0.00
23) Nitrobenzene-d5	7.522	82	869462	80.048	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	243592	83.552	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1536809	74.474	ng	0.00
79) Terphenyl-d14	13.063	244	1323160	78.753	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.910	88	150871	35.825	ng	99
3) Pyridine	3.657	79	415812	38.041	ng	98
4) n-Nitrosodimethylamine	3.599	42	239033	42.356	ng	98
6) Aniline	6.622	93	530673	33.990	ng	99
8) 2-Chlorophenol	6.745	128	398585	42.725	ng	99
9) Benzaldehyde	6.510	77	281039	33.457	ng	99
10) Phenol	6.598	94	516840m	42.351	ng	
11) bis(2-Chloroethyl)ether	6.692	93	396896	42.476	ng	99
12) 1,3-Dichlorobenzene	6.904	146	416857	41.133	ng	99
13) 1,4-Dichlorobenzene	6.981	146	425741	41.715	ng	99
14) 1,2-Dichlorobenzene	7.134	146	412108	42.455	ng	98
15) Benzyl Alcohol	7.098	79	369086	43.150	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	740579	42.725	ng	100
17) 2-Methylphenol	7.204	107	338040	43.095	ng	100
18) Hexachloroethane	7.481	117	152652	43.206	ng	99
19) n-Nitroso-di-n-propyla...	7.369	70	304739	42.401	ng	99
20) 3+4-Methylphenols	7.357	107	413621	43.461	ng	# 90
22) Acetophenone	7.363	105	554083	43.226	ng	97
24) Nitrobenzene	7.539	77	446004	44.043	ng	99
25) Isophorone	7.781	82	839829	43.799	ng	99
26) 2-Nitrophenol	7.857	139	203935	46.402	ng	100
27) 2,4-Dimethylphenol	7.886	122	395116	44.105	ng	99
28) bis(2-Chloroethoxy)met...	7.986	93	496181	43.160	ng	99
29) 2,4-Dichlorophenol	8.092	162	329682	43.638	ng	98
30) 1,2,4-Trichlorobenzene	8.181	180	348666	42.718	ng	99
31) Naphthalene	8.263	128	1144292	42.914	ng	100
32) Benzoic acid	7.992	122	219361	43.958	ng	98
33) 4-Chloroaniline	8.304	127	204368	18.770	ng	100
34) Hexachlorobutadiene	8.386	225	214101	42.941	ng	100
35) Caprolactam	8.669	113	107629m	47.144	ng	
36) 4-Chloro-3-methylphenol	8.781	107	362456	44.140	ng	100
37) 2-Methylnaphthalene	8.957	142	702863	43.318	ng	100
38) 1-Methylnaphthalene	9.057	142	721852	43.203	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	338541	41.550	ng	99
41) Hexachlorocyclopentadiene	9.116	237	457365	86.269	ng	100
43) 2,4,6-Trichlorophenol	9.228	196	242153	42.942	ng	100

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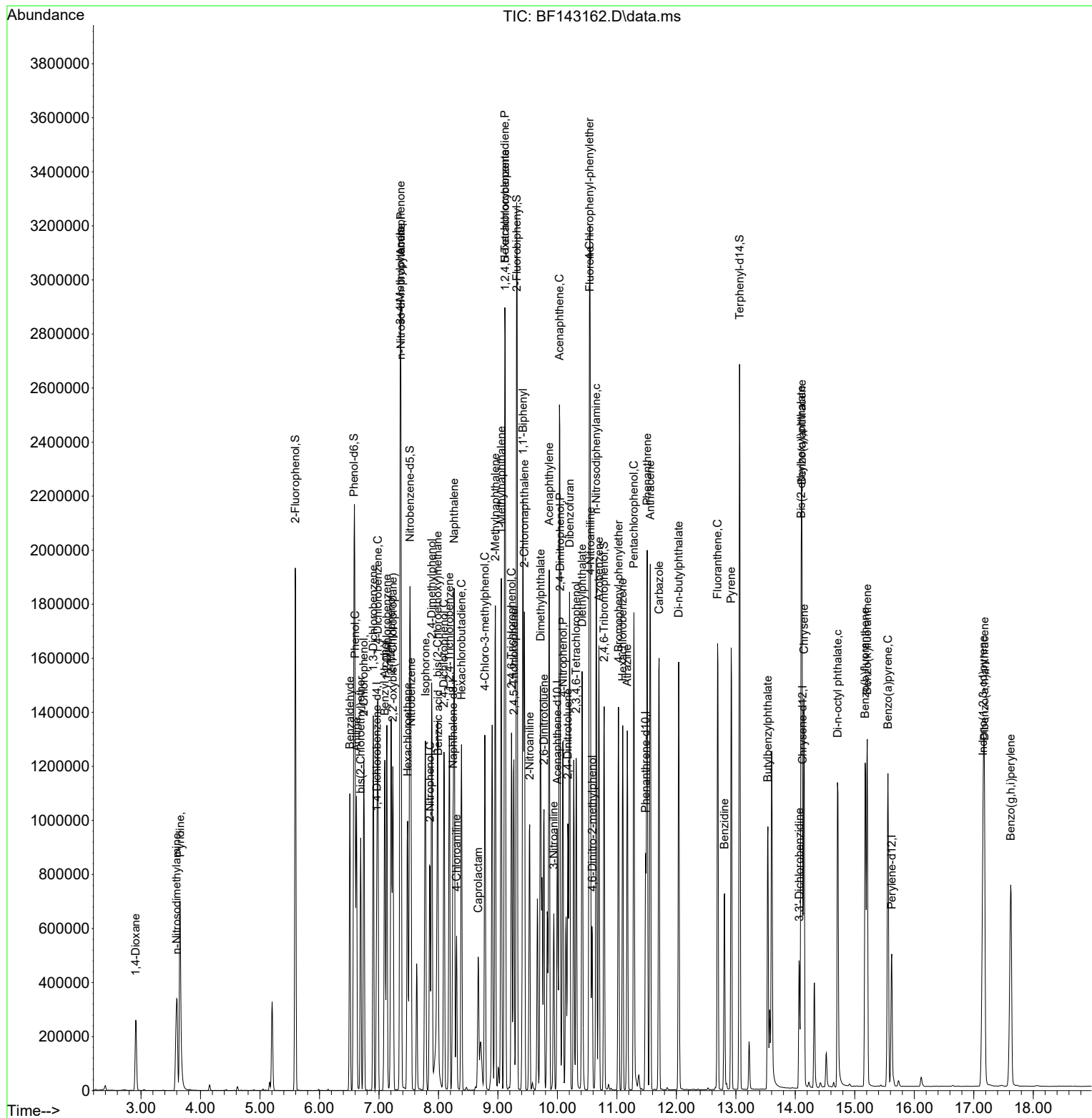
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	257533	45.656	ng	99
46) 1,1'-Biphenyl	9.422	154	953537	43.306	ng	99
47) 2-Chloronaphthalene	9.445	162	694401	42.622	ng	100
48) 2-Nitroaniline	9.533	65	238471	46.675	ng	99
49) Acenaphthylene	9.863	152	1179238	43.191	ng	100
50) Dimethylphthalate	9.716	163	807076	43.873	ng	100
51) 2,6-Dinitrotoluene	9.775	165	176735	47.227	ng	99
52) Acenaphthene	10.033	154	744758	46.151	ng	98
53) 3-Nitroaniline	9.939	138	128632	29.387	ng	99
54) 2,4-Dinitrophenol	10.045	184	155071	90.478	ng	# 8
55) Dibenzofuran	10.204	168	1021602	42.640	ng	99
56) 4-Nitrophenol	10.092	139	291400	89.152	ng	99
57) 2,4-Dinitrotoluene	10.175	165	229467	48.875	ng	99
58) Fluorene	10.545	166	770170	42.831	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.316	232	210611	45.074	ng	99
60) Diethylphthalate	10.416	149	811853	44.651	ng	99
61) 4-Chlorophenyl-phenyle...	10.539	204	388946	43.440	ng	99
62) 4-Nitroaniline	10.557	138	166177	44.297	ng	99
63) Azobenzene	10.698	77	836150	44.124	ng	100
65) 4,6-Dinitro-2-methylph...	10.586	198	105178	45.118	ng	97
66) n-Nitrosodiphenylamine	10.651	169	690716	43.753	ng	99
67) 4-Bromophenyl-phenylether	11.027	248	235457	44.070	ng	99
68) Hexachlorobenzene	11.098	284	249375	44.656	ng	99
69) Atrazine	11.175	200	206267	47.393	ng	100
70) Pentachlorophenol	11.286	266	299004	91.047	ng	98
71) Phenanthrene	11.510	178	1043022	43.816	ng	100
72) Anthracene	11.563	178	1063793	43.817	ng	100
73) Carbazole	11.710	167	930154	43.877	ng	100
74) Di-n-butylphthalate	12.039	149	1103396	46.000	ng	100
75) Fluoranthene	12.692	202	965500	44.189	ng	99
77) Benzidine	12.810	184	399079	41.430	ng	99
78) Pyrene	12.921	202	953662	44.693	ng	100
80) Butylbenzylphthalate	13.539	149	309177	47.318	ng	98
81) Benzo(a)anthracene	14.110	228	739873	44.201	ng	100
82) 3,3'-Dichlorobenzidine	14.068	252	140203	25.131	ng	99
83) Chrysene	14.145	228	678150	45.060	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	472409	47.767	ng	100
85) Di-n-octyl phthalate	14.710	149	833202	46.478	ng	100
87) Indeno(1,2,3-cd)pyrene	17.156	276	895590	44.839	ng	100
88) Benzo(b)fluoranthene	15.174	252	773715	44.712	ng	99
89) Benzo(k)fluoranthene	15.210	252	718119	46.506	ng	99
90) Benzo(a)pyrene	15.557	252	727999	45.662	ng	99
91) Dibenzo(a,h)anthracene	17.180	278	731233	44.980	ng	99
92) Benzo(g,h,i)perylene	17.621	276	705378	44.855	ng	100

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

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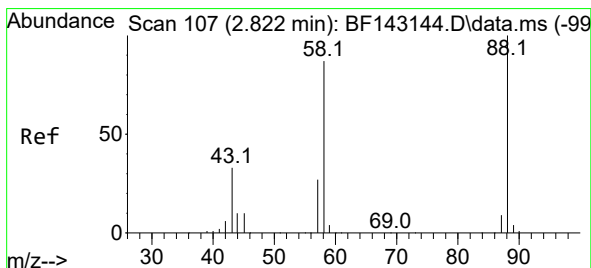
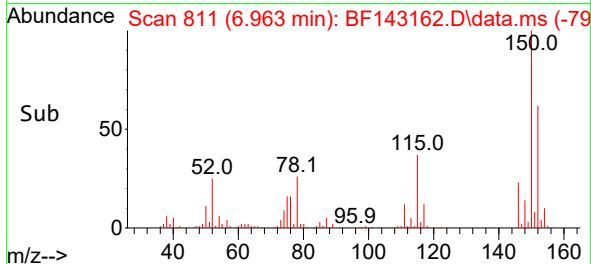
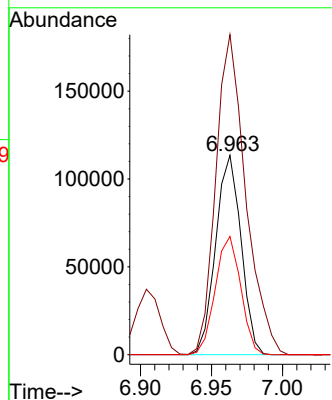
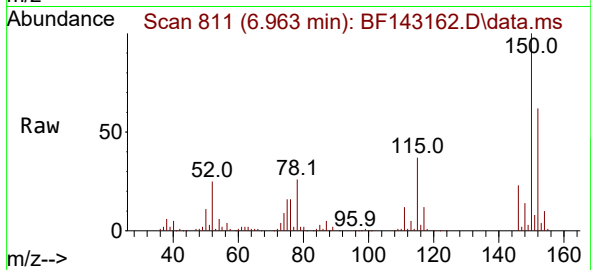




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF143162.D
 Acq: 18 Jul 2025 12:53

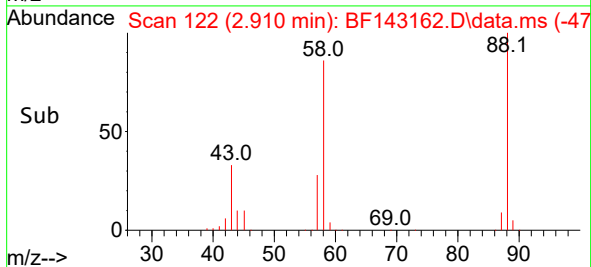
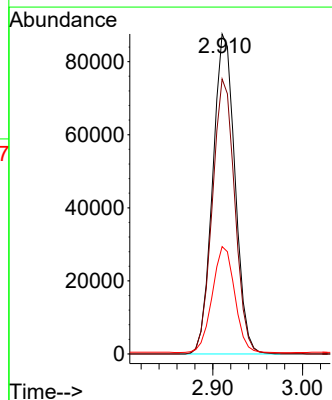
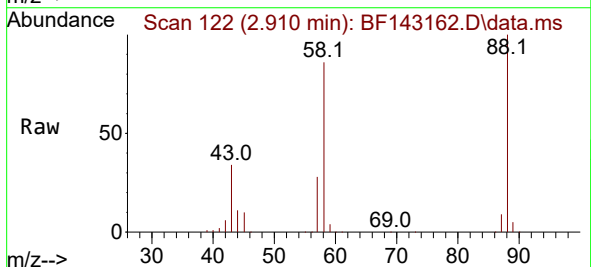
Instrument :
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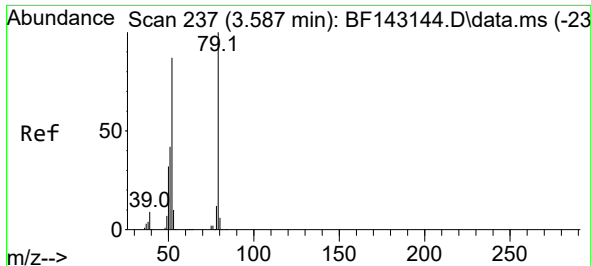
Tgt Ion:152 Resp: 140840
 Ion Ratio Lower Upper
 152 100
 150 160.5 128.2 192.4
 115 59.3 47.9 71.9



#2
 1,4-Dioxane
 Concen: 35.825 ng
 RT: 2.910 min Scan# 122
 Delta R.T. 0.088 min
 Lab File: BF143162.D
 Acq: 18 Jul 2025 12:53

Tgt Ion: 88 Resp: 150871
 Ion Ratio Lower Upper
 88 100
 58 86.9 70.2 105.2
 43 33.5 27.1 40.7





#3

Pyridine

Concen: 38.041 ng

RT: 3.657 min Scan# 24

Delta R.T. 0.071 min

Lab File: BF143162.D

Acq: 18 Jul 2025 12:53

Instrument :

BNA_F

ClientSampleId :

PB168904BS

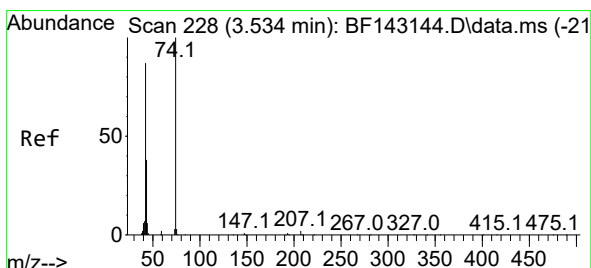
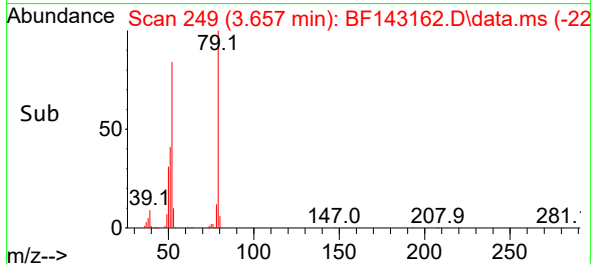
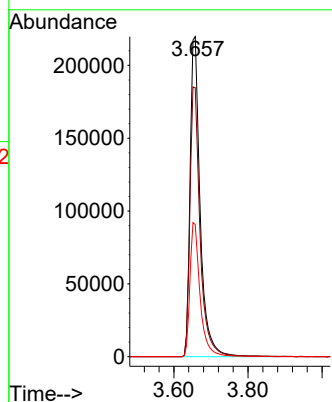
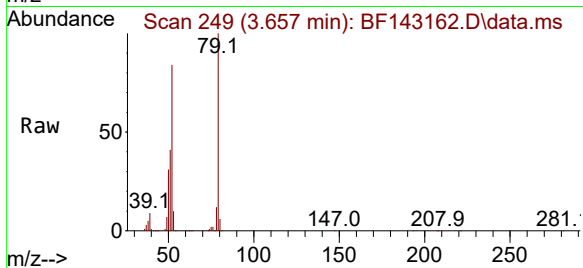
Tgt Ion: 79 Resp: 415812

Ion Ratio Lower Upper

79 100

52 84.1 69.4 104.2

51 41.3 33.5 50.3



#4

n-Nitrosodimethylamine

Concen: 42.356 ng

RT: 3.599 min Scan# 239

Delta R.T. 0.065 min

Lab File: BF143162.D

Acq: 18 Jul 2025 12:53

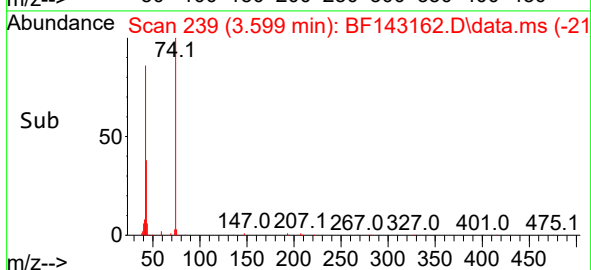
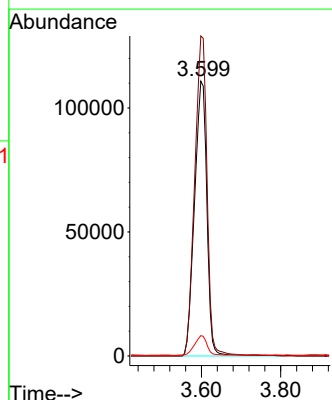
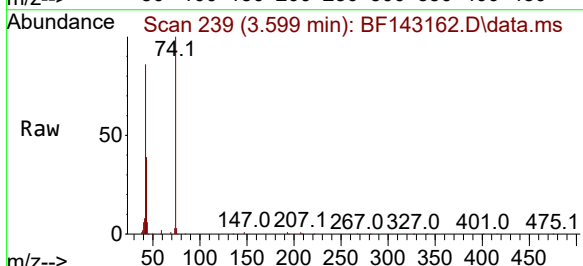
Tgt Ion: 42 Resp: 239033

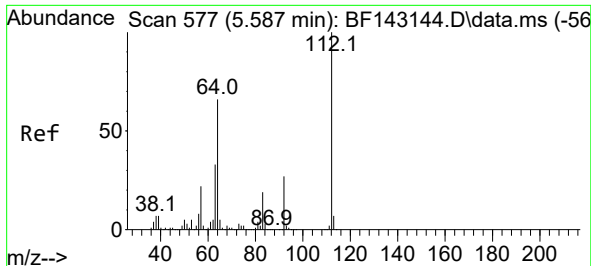
Ion Ratio Lower Upper

42 100

74 116.5 91.7 137.5

44 7.4 5.6 8.4

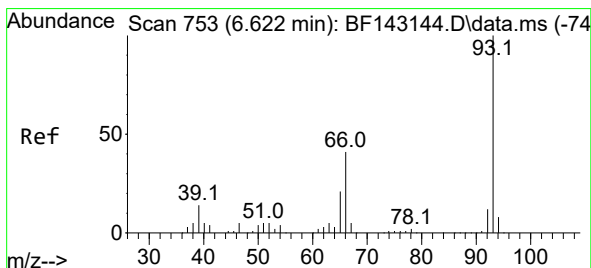
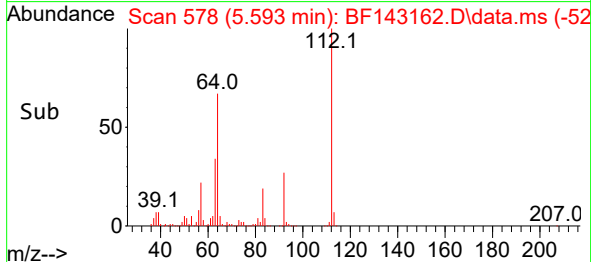
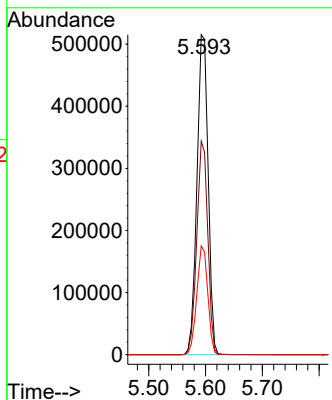
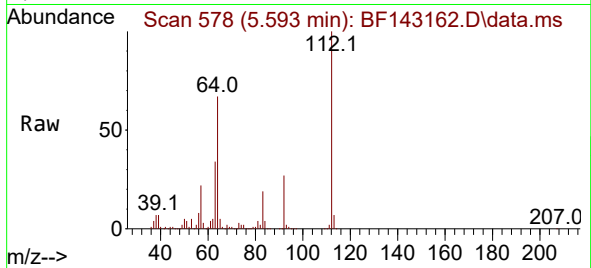




#5
2-Fluorophenol
Concen: 79.645 ng
RT: 5.593 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

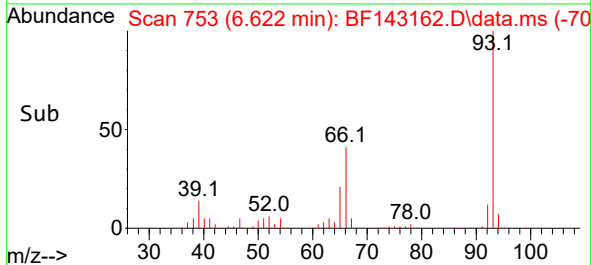
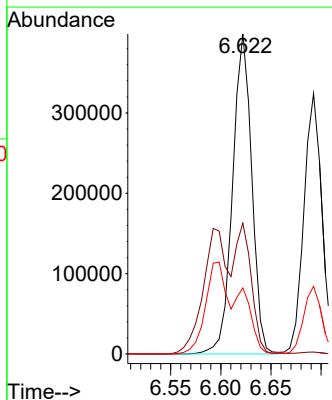
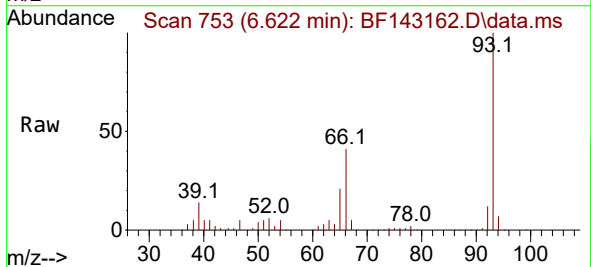
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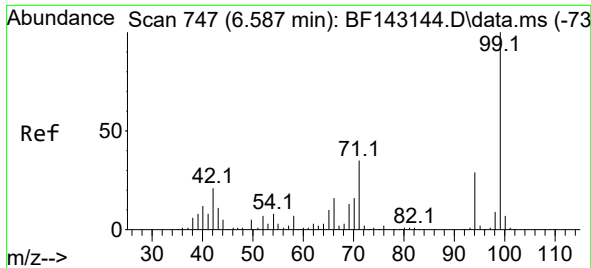
Tgt Ion:112 Resp: 708845
Ion Ratio Lower Upper
112 100
64 66.7 53.1 79.7
63 34.0 26.6 40.0



#6
Aniline
Concen: 33.990 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

Tgt Ion: 93 Resp: 530673
Ion Ratio Lower Upper
93 100
66 40.9 33.2 49.8
65 20.7 16.9 25.3

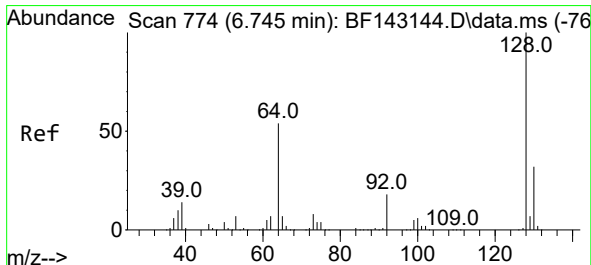
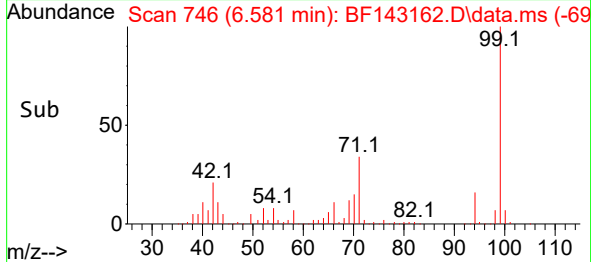
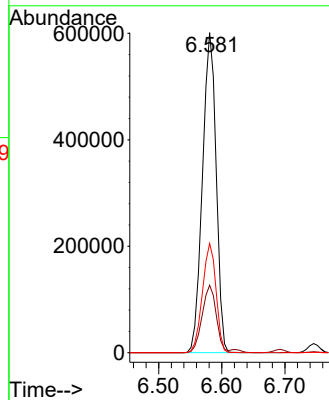
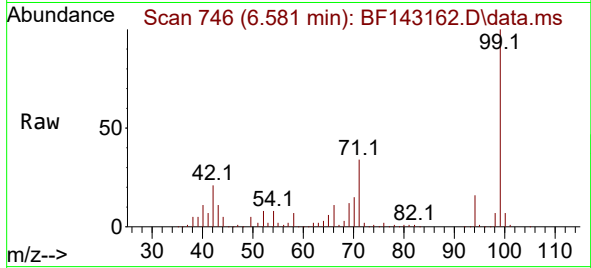




#7
Phenol-d6
Concen: 80.865 ng
RT: 6.581 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

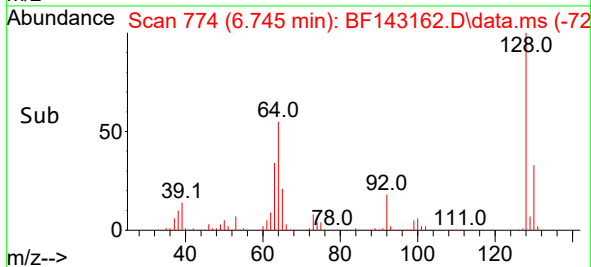
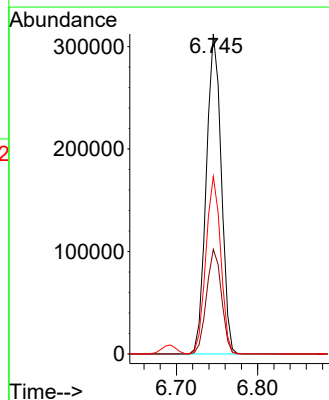
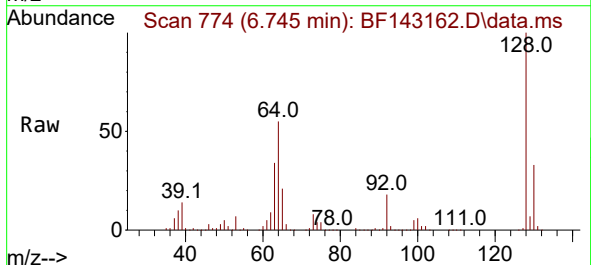
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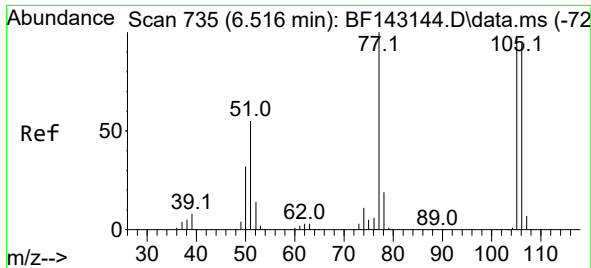
Tgt Ion: 99 Resp: 905876
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 34.1 27.7 41.5



#8
2-Chlorophenol
Concen: 42.725 ng
RT: 6.745 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

Tgt Ion:128 Resp: 398585
Ion Ratio Lower Upper
128 100
130 32.7 12.3 52.3
64 55.4 35.9 75.9

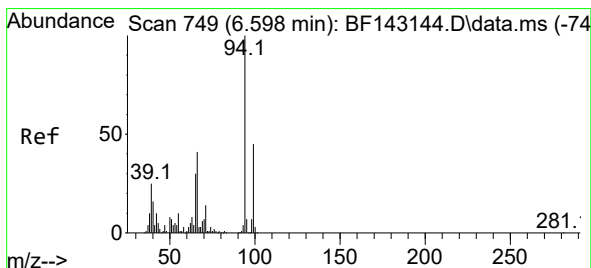
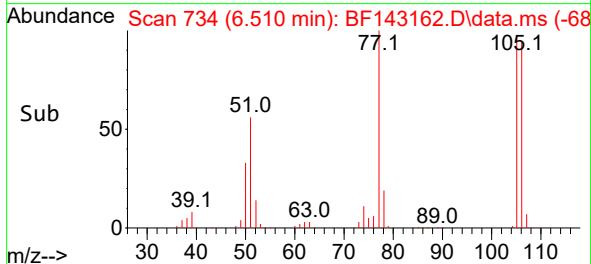
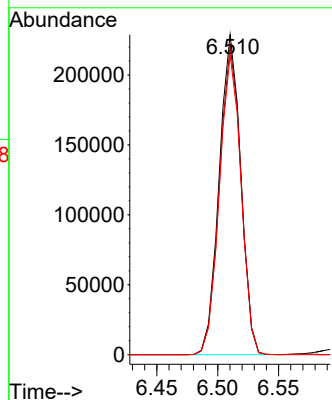
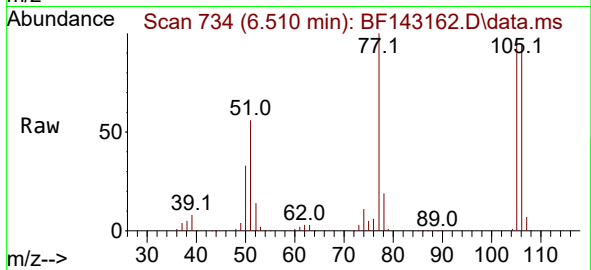




#9
Benzaldehyde
Concen: 33.457 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
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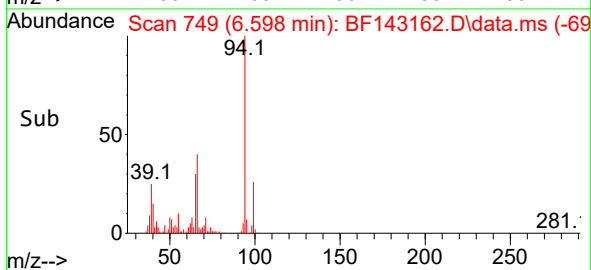
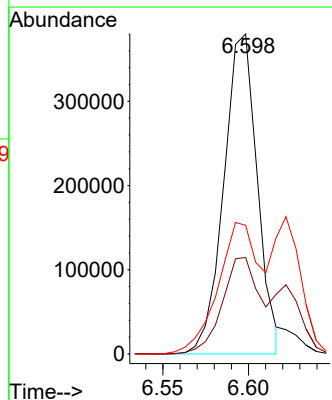
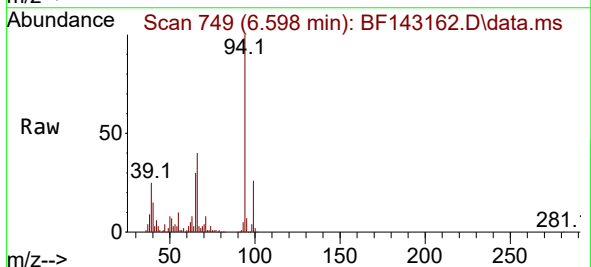
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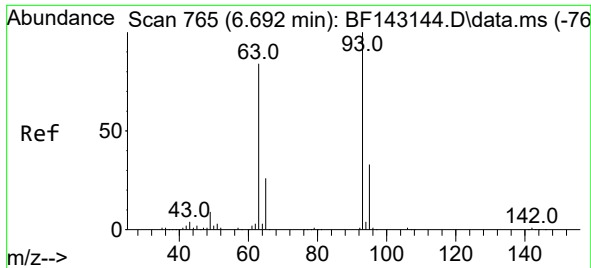
Tgt Ion: 77 Resp: 281039
Ion Ratio Lower Upper
77 100
105 96.5 76.8 116.8
106 93.6 74.4 114.4



#10
Phenol
Concen: 42.351 ng m
RT: 6.598 min Scan# 749
Delta R.T. 0.000 min
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Tgt Ion: 94 Resp: 516840
Ion Ratio Lower Upper
94 100
65 30.1 10.0 50.0
66 40.2 20.8 60.8





#11

bis(2-Chloroethyl)ether

Concen: 42.476 ng

RT: 6.692 min Scan# 765

Delta R.T. 0.000 min

Lab File: BF143162.D

Acq: 18 Jul 2025 12:53

Instrument :

BNA_F

ClientSampleId :

PB168904BS

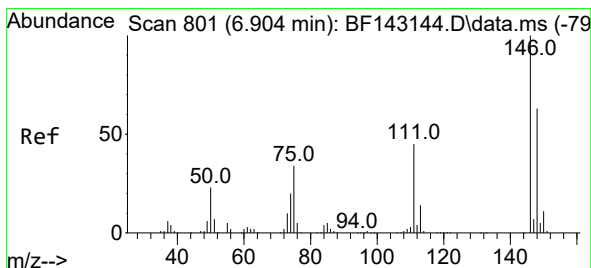
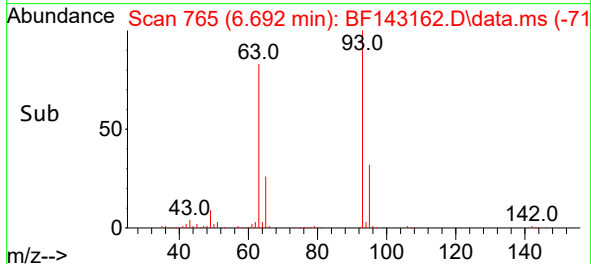
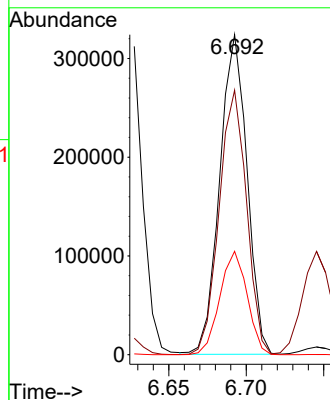
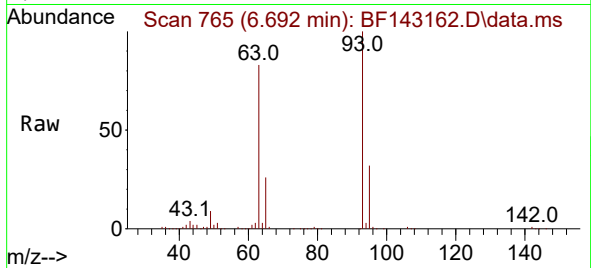
Tgt Ion: 93 Resp: 396896

Ion Ratio Lower Upper

93 100

63 82.7 63.4 103.4

95 32.3 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 41.133 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143162.D

Acq: 18 Jul 2025 12:53

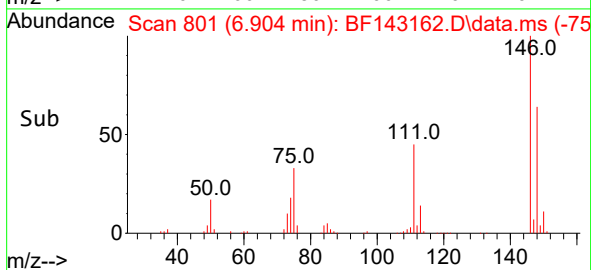
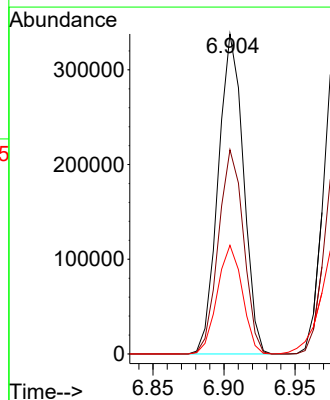
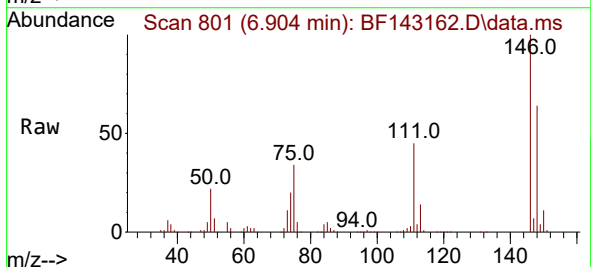
Tgt Ion:146 Resp: 416857

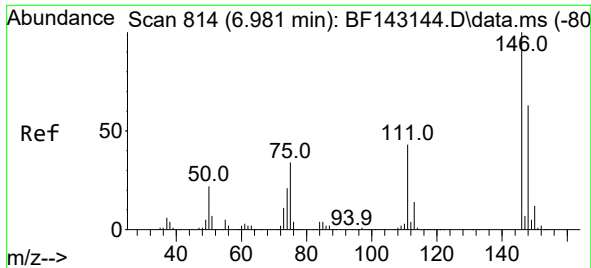
Ion Ratio Lower Upper

146 100

148 63.8 50.6 76.0

75 33.9 27.4 41.2

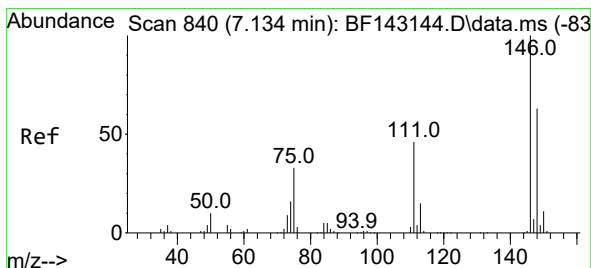
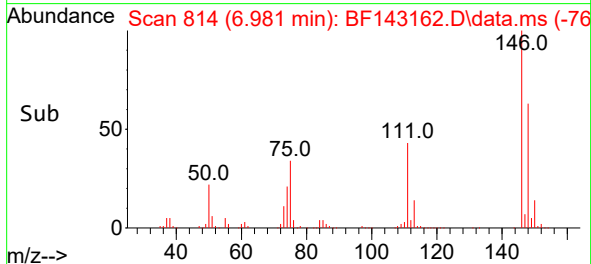
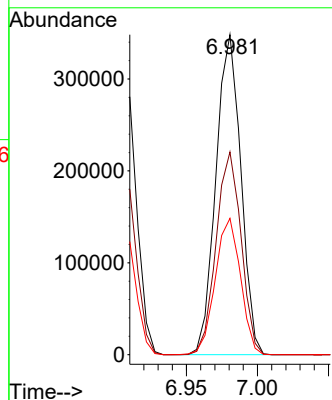
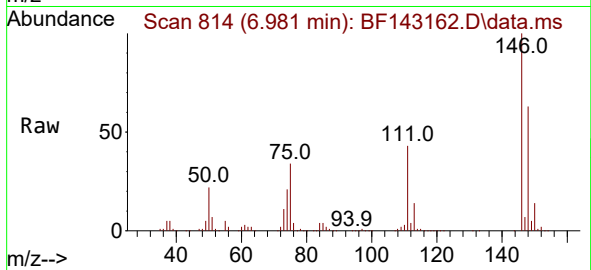




#13
1,4-Dichlorobenzene
Concen: 41.715 ng
RT: 6.981 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

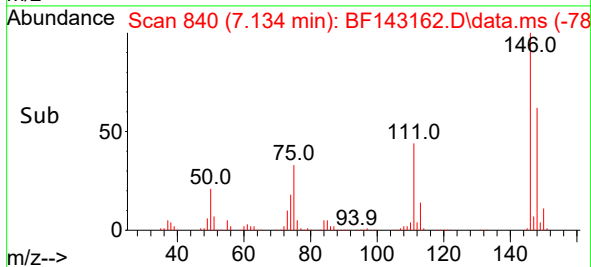
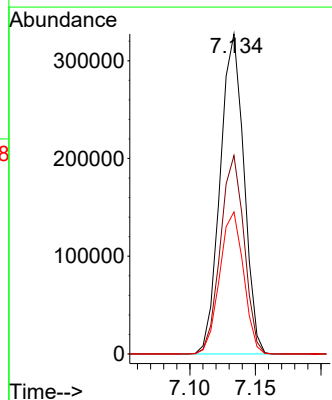
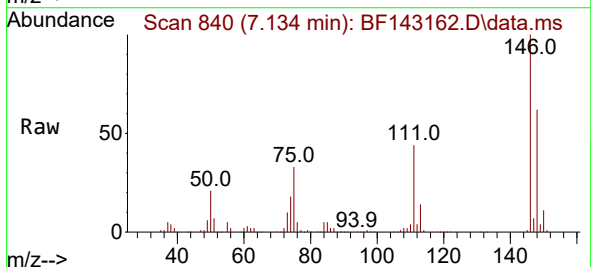
Instrument :
BNA_F
ClientSampleId :
PB168904BS

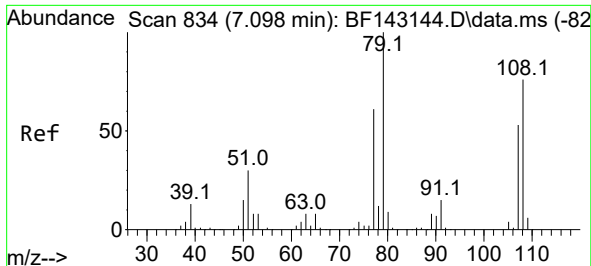
Tgt Ion:146 Resp: 425741
Ion Ratio Lower Upper
146 100
148 63.4 50.3 75.5
111 42.6 34.4 51.6



#14
1,2-Dichlorobenzene
Concen: 42.455 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

Tgt Ion:146 Resp: 412108
Ion Ratio Lower Upper
146 100
148 62.0 50.7 76.1
111 44.4 36.6 54.8

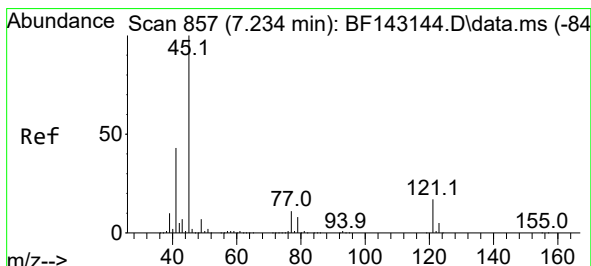
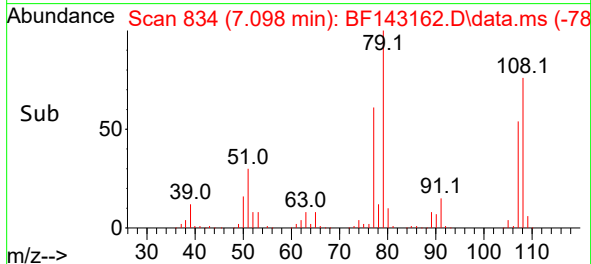
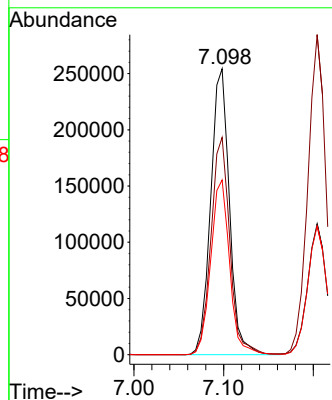
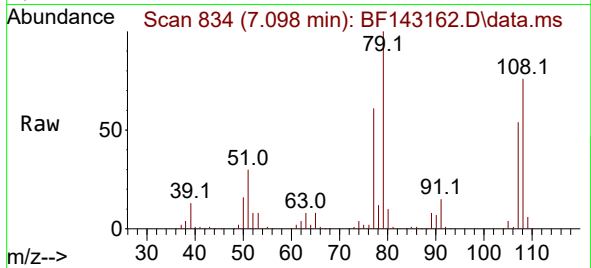




#15
Benzyl Alcohol
Concen: 43.150 ng
RT: 7.098 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

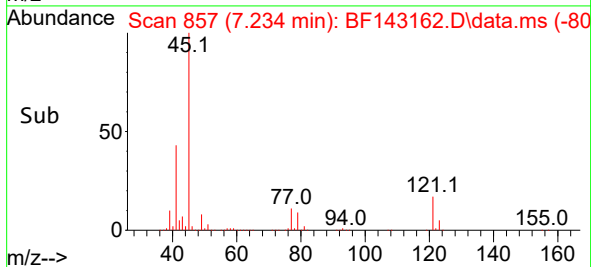
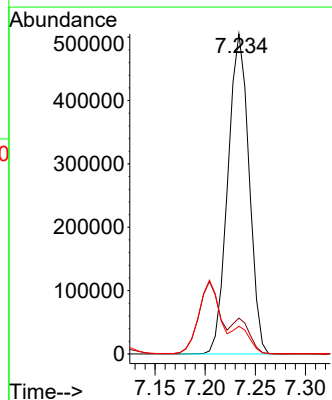
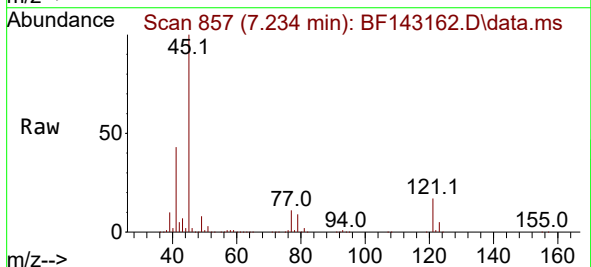
Instrument :
BNA_F
ClientSampleId :
PB168904BS

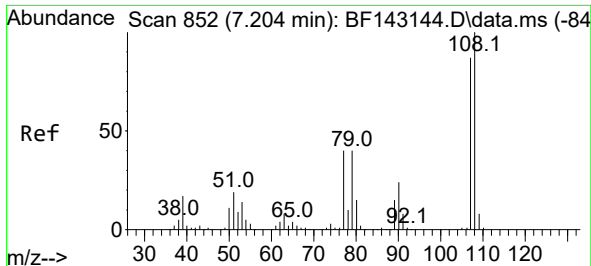
Tgt Ion: 79 Resp: 369086
Ion Ratio Lower Upper
79 100
108 76.0 61.1 91.7
77 61.1 48.9 73.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.725 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

Tgt Ion: 45 Resp: 740579
Ion Ratio Lower Upper
45 100
77 11.2 0.0 31.2
79 8.7 0.0 28.5

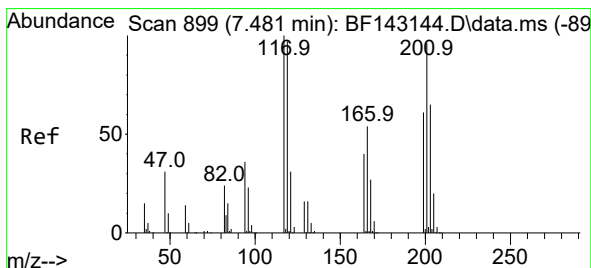
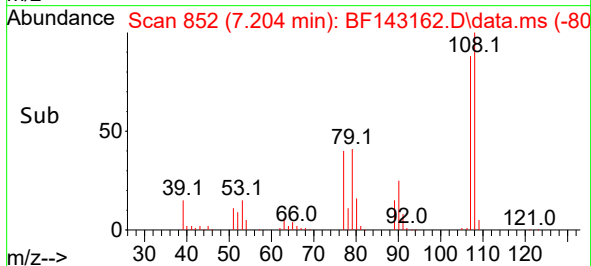
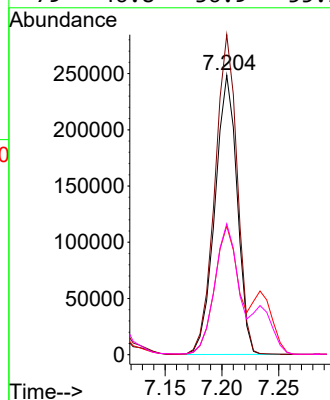
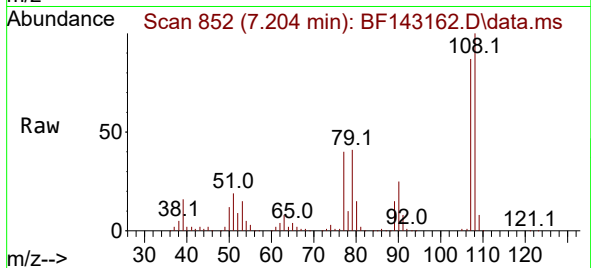




#17
2-Methylphenol
Concen: 43.095 ng
RT: 7.204 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

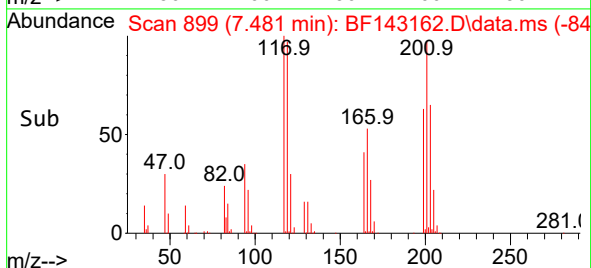
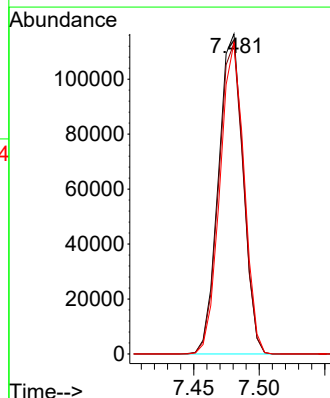
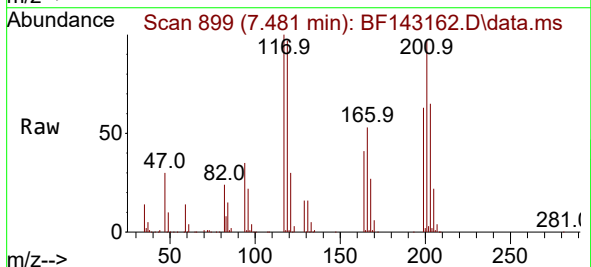
Instrument :
BNA_F
ClientSampleId :
PB168904BS

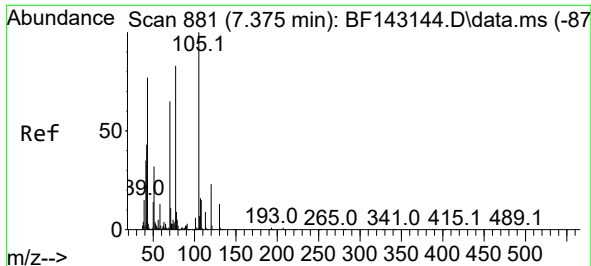
Tgt Ion:	107	Resp:	338040
Ion	Ratio	Lower	Upper
107	100		
108	114.5	91.8	137.6
77	46.0	37.0	55.6
79	46.8	36.9	55.3



#18
Hexachloroethane
Concen: 43.206 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

Tgt Ion:	117	Resp:	152652
Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.8	116.8
201	97.2	77.0	115.4

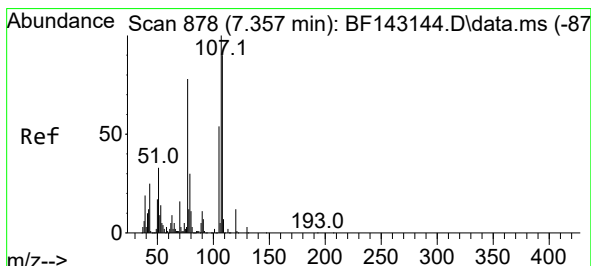
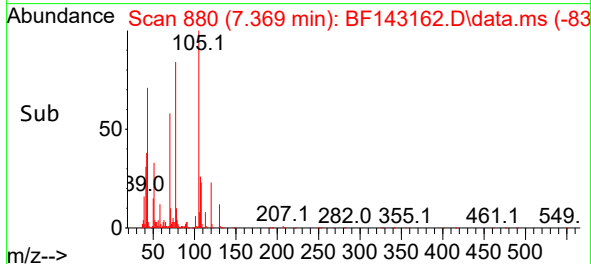
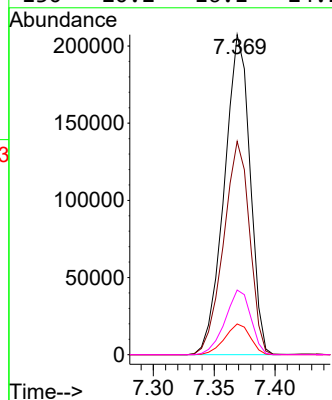
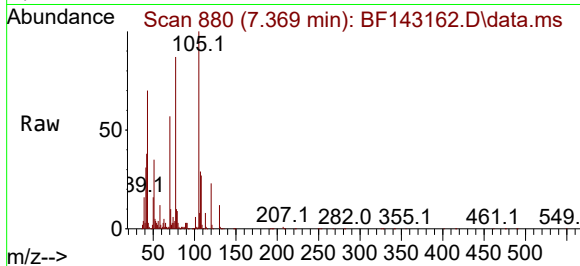




#19
n-Nitroso-di-n-propylamine
Concen: 42.401 ng
RT: 7.369 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

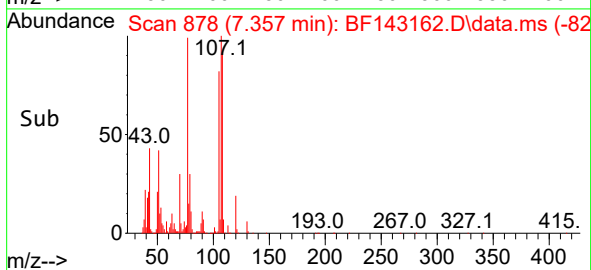
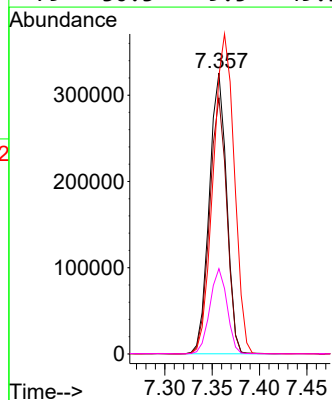
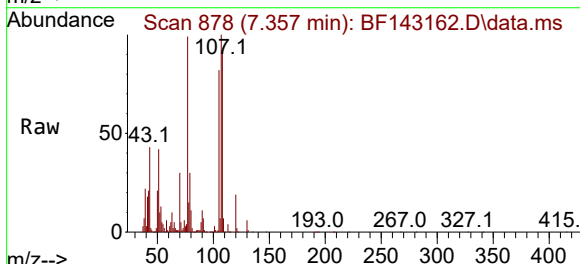
Instrument :
BNA_F
ClientSampleId :
PB168904BS

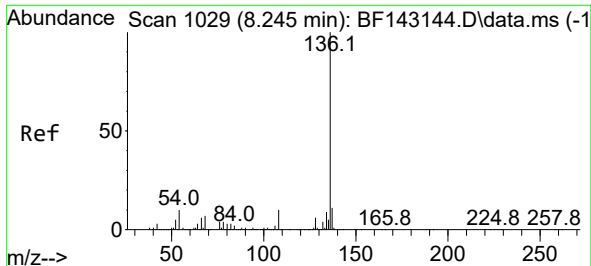
Tgt Ion: 70	Resp: 304739
Ion Ratio	Lower Upper
70 100	
42 66.6	52.5 78.7
101 9.6	7.6 11.4
130 20.2	16.1 24.1



#20
3+4-Methylphenols
Concen: 43.461 ng
RT: 7.357 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

Tgt	Ion:107	Resp:	413621
Ion	Ratio	Lower	Upper
107	100		
108	91.2	70.0	110.0
77	99.0	57.8	97.8#
79	30.3	9.5	49.5

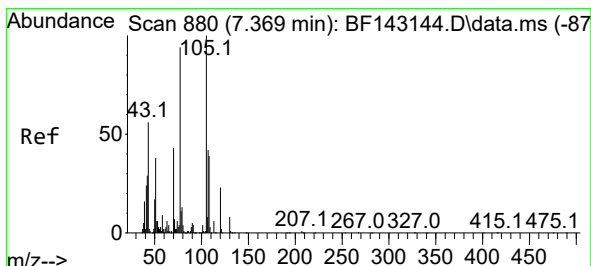
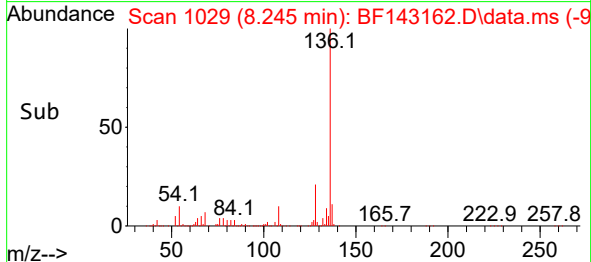
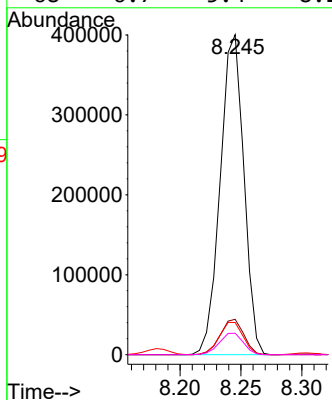
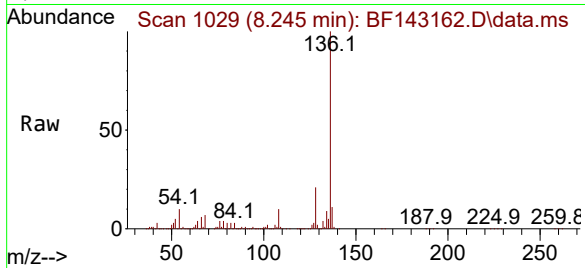




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

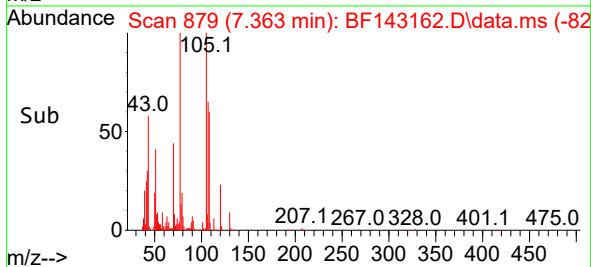
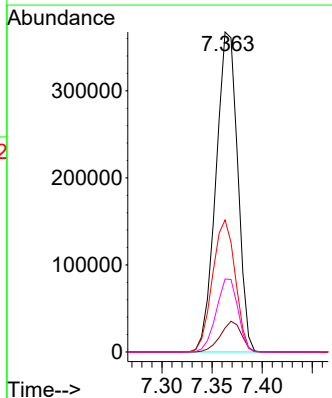
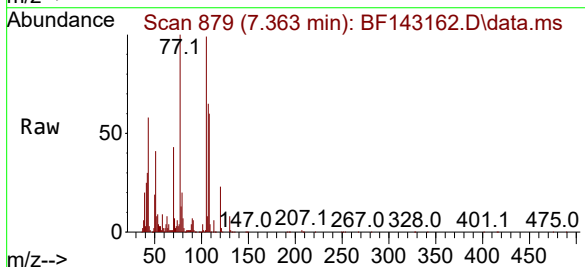
Instrument :
BNA_F
ClientSampleId :
PB168904BS

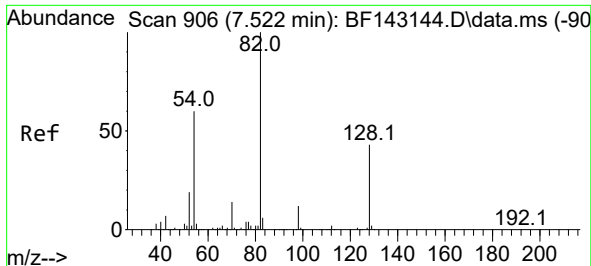
Tgt Ion:	136	Resp:	541427
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	10.0	8.2	12.2
68	6.7	5.4	8.2



#22
Acetophenone
Concen: 43.226 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

Tgt Ion:	105	Resp:	554083
Ion Ratio	Lower	Upper	
105	100		
71	7.5	5.8	8.6
51	41.3	30.2	45.2
120	22.8	18.2	27.4

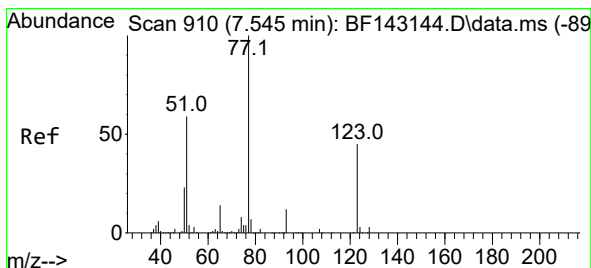
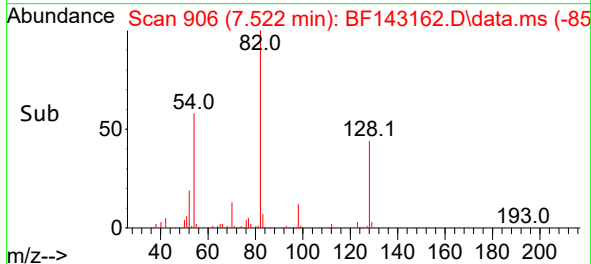
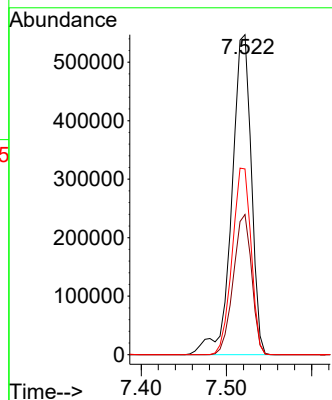
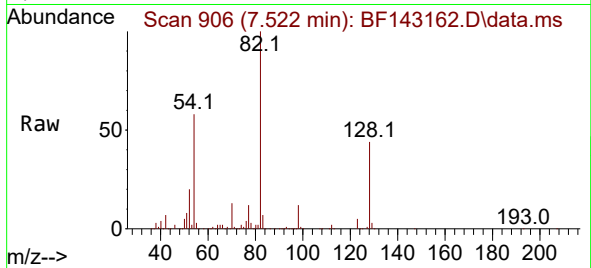




#23
Nitrobenzene-d5
Concen: 80.048 ng
RT: 7.522 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

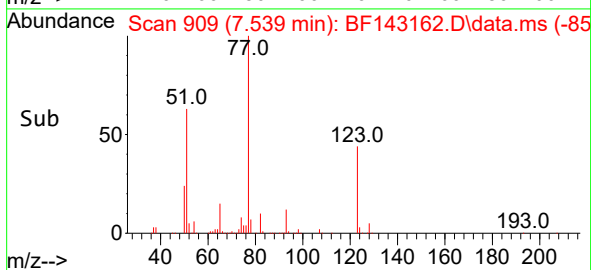
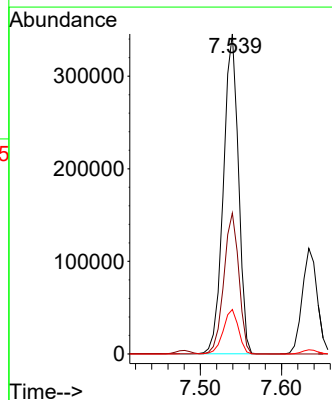
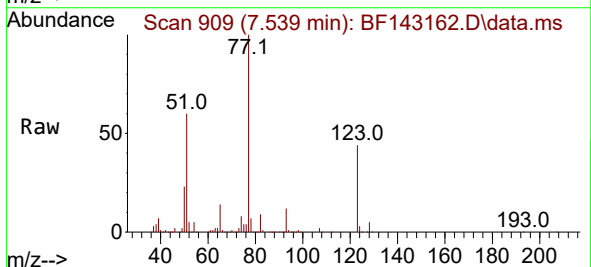
Instrument :
BNA_F
ClientSampleId :
PB168904BS

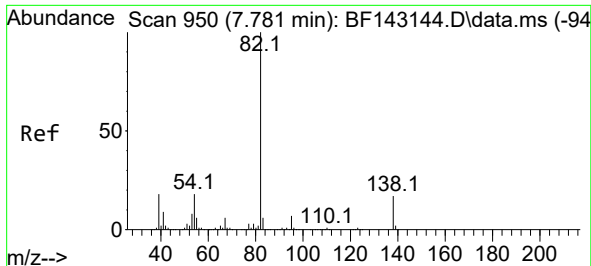
Tgt Ion: 82 Resp: 869462
Ion Ratio Lower Upper
82 100
128 43.8 33.6 50.4
54 58.1 47.1 70.7



#24
Nitrobenzene
Concen: 44.043 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

Tgt Ion: 77 Resp: 446004
Ion Ratio Lower Upper
77 100
123 44.1 36.1 54.1
65 13.9 11.4 17.2

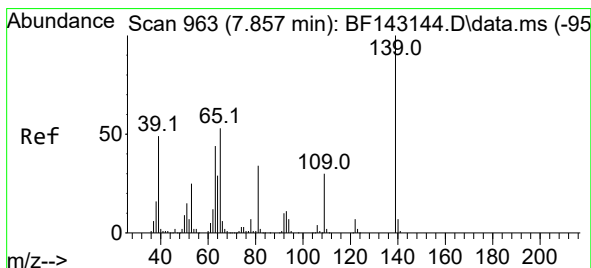
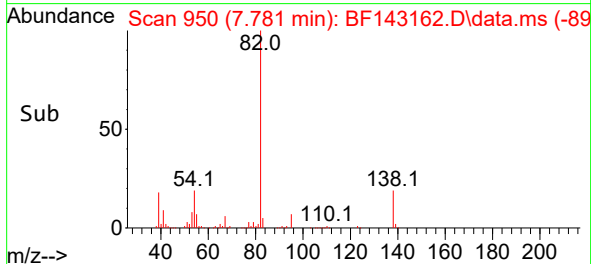
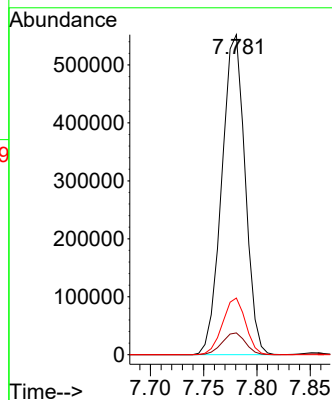
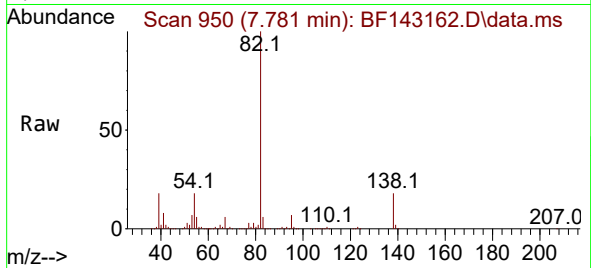




#25
Isophorone
Concen: 43.799 ng
RT: 7.781 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

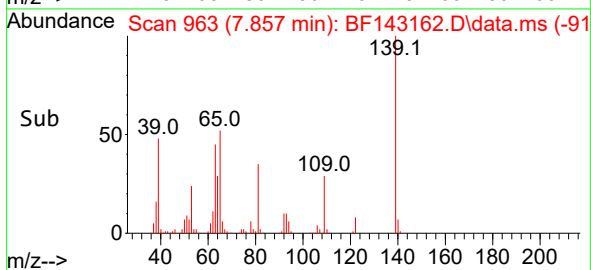
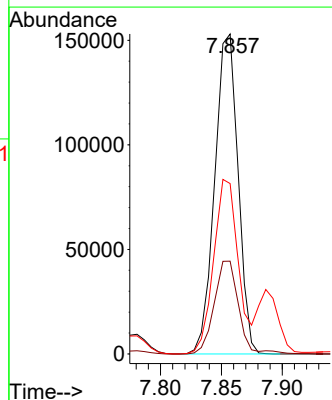
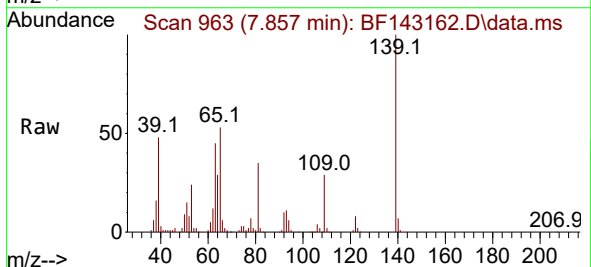
Instrument :
BNA_F
ClientSampleId :
PB168904BS

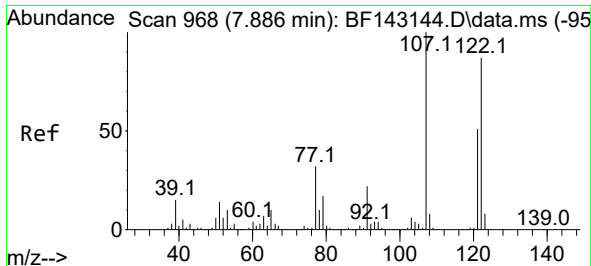
Tgt Ion: 82 Resp: 839829
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.7 13.8 20.8



#26
2-Nitrophenol
Concen: 46.402 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

Tgt Ion:139 Resp: 203935
Ion Ratio Lower Upper
139 100
109 29.0 23.6 35.4
65 53.2 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 44.105 ng

RT: 7.886 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF143162.D

Acq: 18 Jul 2025 12:53

Instrument :

BNA_F

ClientSampleId :

PB168904BS

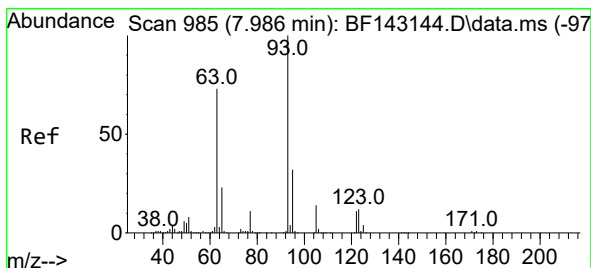
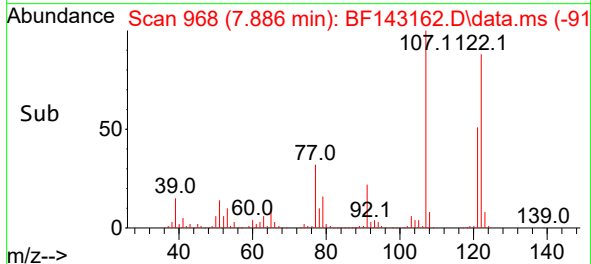
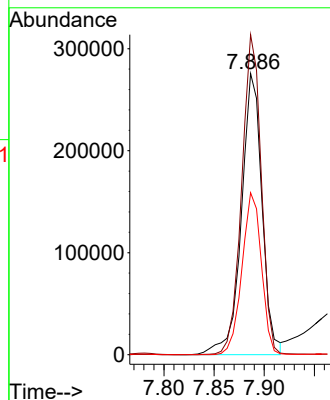
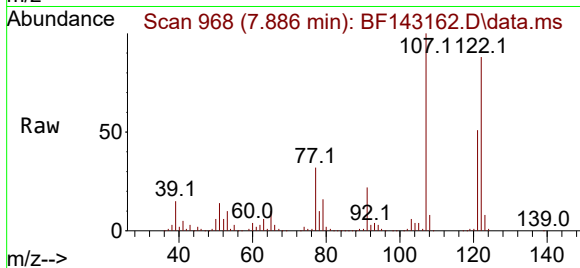
Tgt Ion:122 Resp: 395116

Ion Ratio Lower Upper

122 100

107 113.8 91.8 137.6

121 57.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 43.160 ng

RT: 7.986 min Scan# 985

Delta R.T. 0.000 min

Lab File: BF143162.D

Acq: 18 Jul 2025 12:53

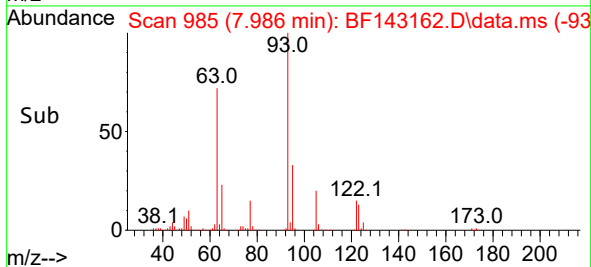
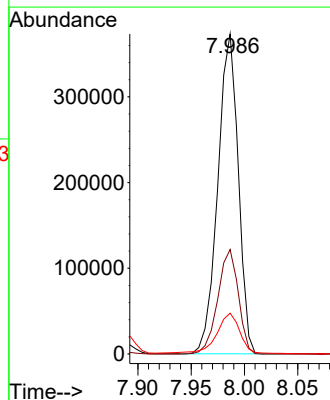
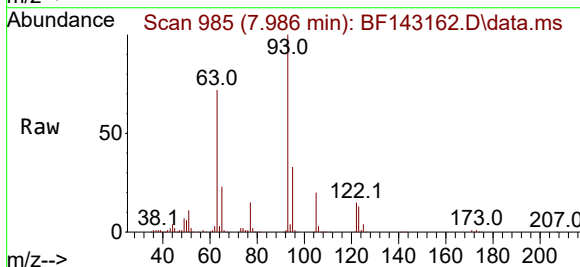
Tgt Ion: 93 Resp: 496181

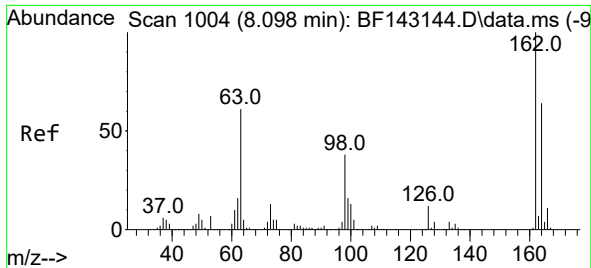
Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.6

123 12.7 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 43.638 ng

RT: 8.092 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF143162.D

Acq: 18 Jul 2025 12:53

Instrument :

BNA_F

ClientSampleId :

PB168904BS

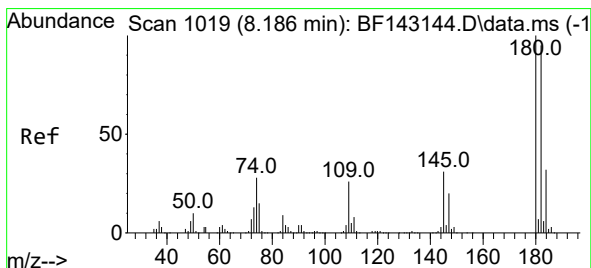
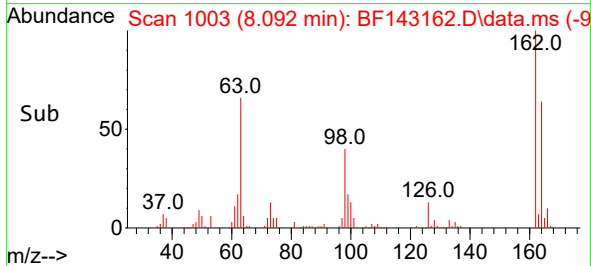
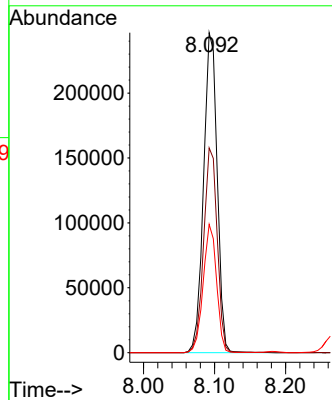
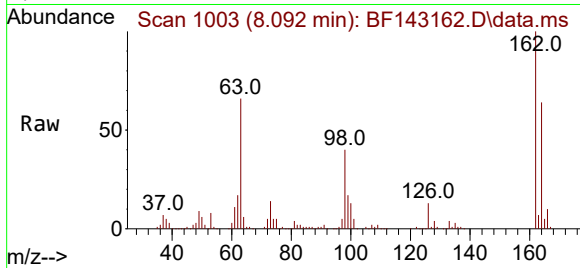
Tgt Ion:162 Resp: 329682

Ion Ratio Lower Upper

162 100

164 64.0 44.2 84.2

98 40.1 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 42.718 ng

RT: 8.181 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF143162.D

Acq: 18 Jul 2025 12:53

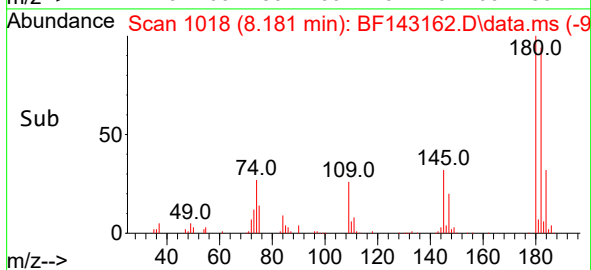
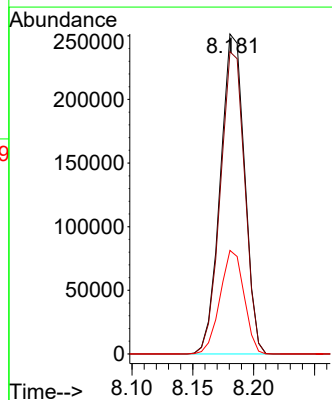
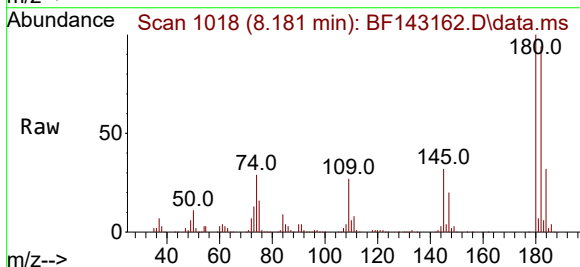
Tgt Ion:180 Resp: 348666

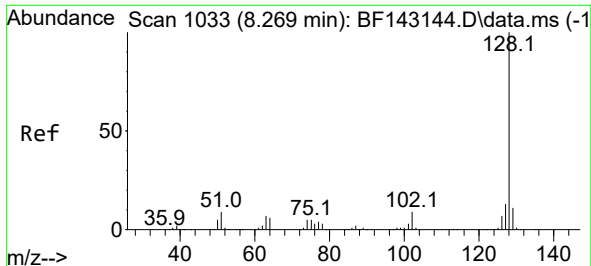
Ion Ratio Lower Upper

180 100

182 94.5 76.2 114.2

145 32.3 25.0 37.6

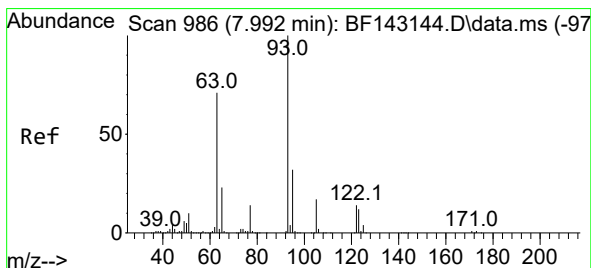
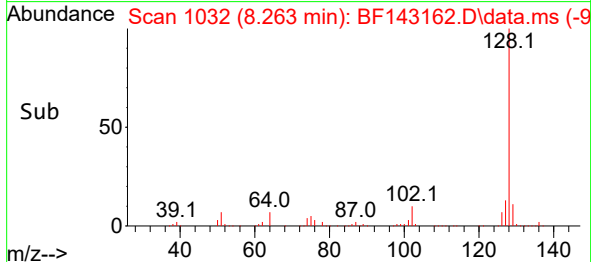
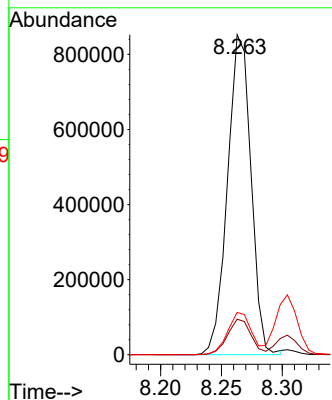
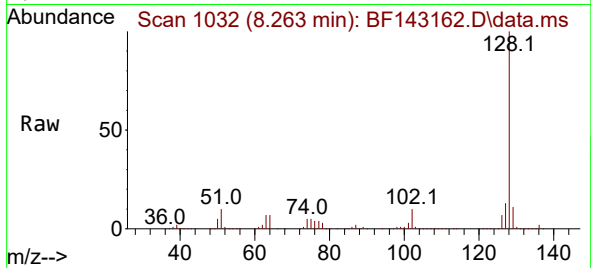




#31
Naphthalene
Concen: 42.914 ng
RT: 8.263 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

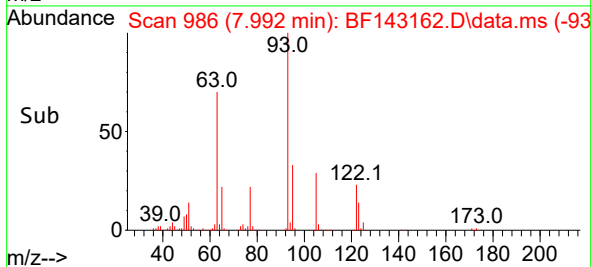
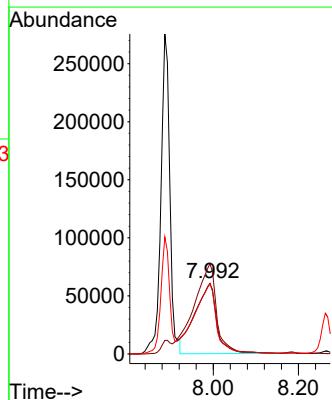
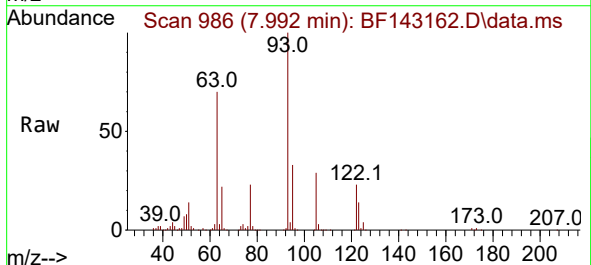
Instrument :
BNA_F
ClientSampleId :
PB168904BS

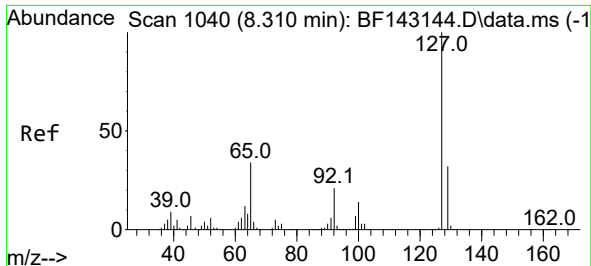
Tgt Ion:128 Resp: 1144292
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 43.958 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

Tgt Ion:122 Resp: 219361
Ion Ratio Lower Upper
122 100
105 127.9 104.8 144.8
77 99.3 77.6 117.6

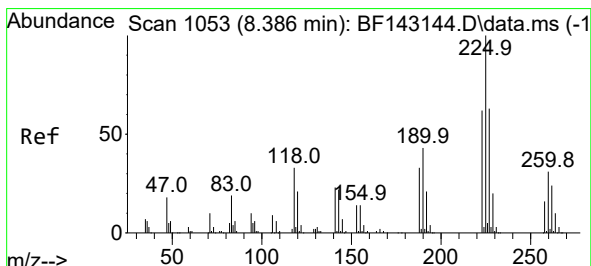
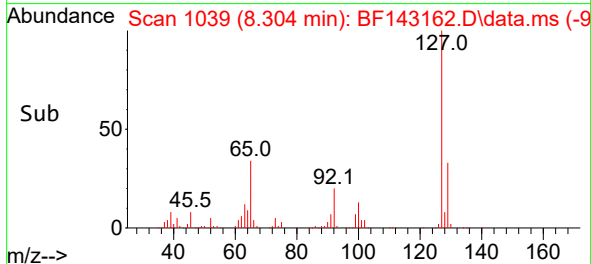
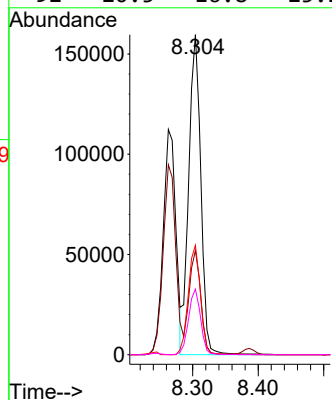
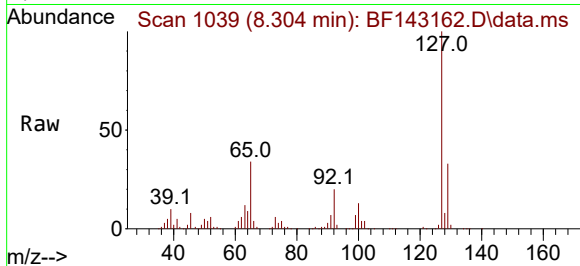




#33
4-Chloroaniline
Concen: 18.770 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

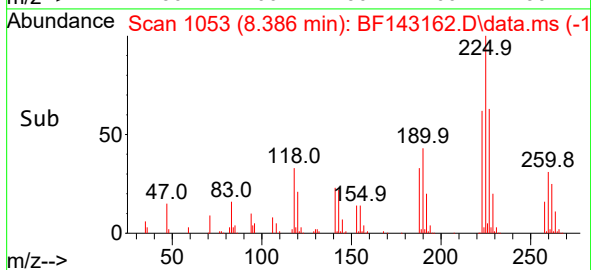
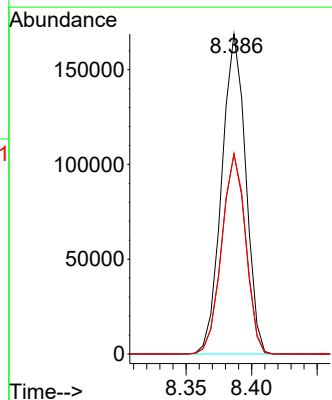
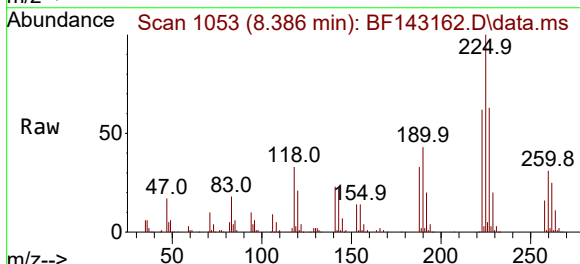
Instrument :
BNA_F
ClientSampleId :
PB168904BS

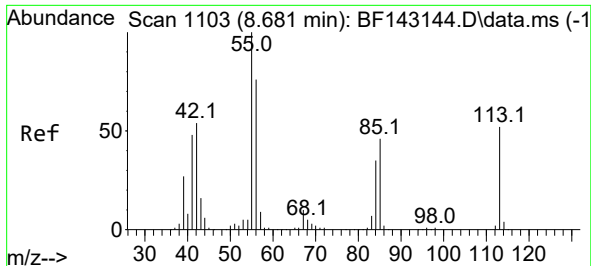
Tgt Ion:	127	Resp:	204368
Ion Ratio	Lower	Upper	
127	100		
129	32.5	26.0	39.0
65	34.2	27.4	41.2
92	20.5	16.8	25.2



#34
Hexachlorobutadiene
Concen: 42.941 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

Tgt Ion:	225	Resp:	214101
Ion Ratio	Lower	Upper	
225	100		
223	62.4	49.8	74.6
227	62.6	50.2	75.4

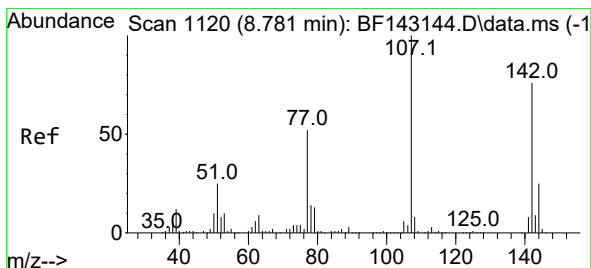
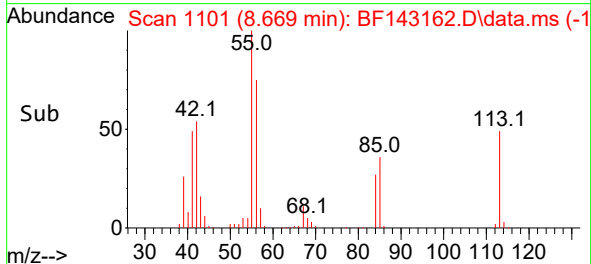
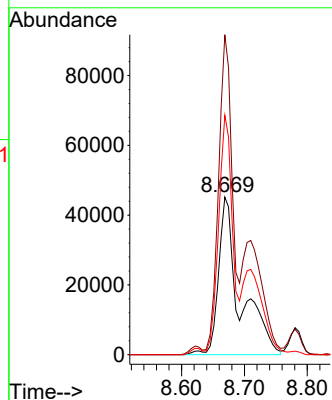
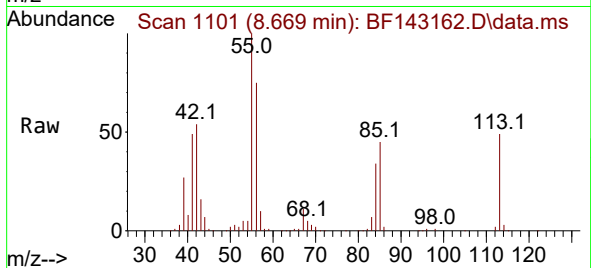




#35
 Caprolactam
 Concen: 47.144 ng m
 RT: 8.669 min Scan# 1101
 Delta R.T. -0.012 min
 Lab File: BF143162.D
 Acq: 18 Jul 2025 12:53

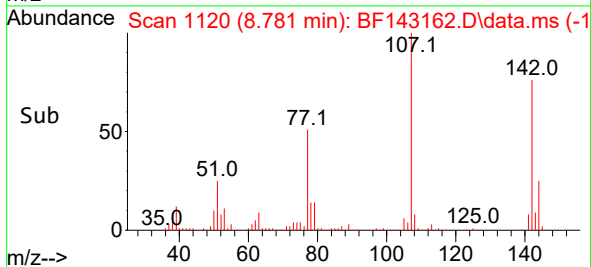
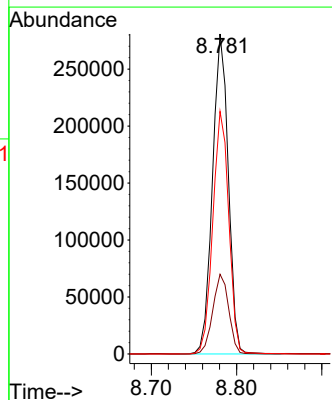
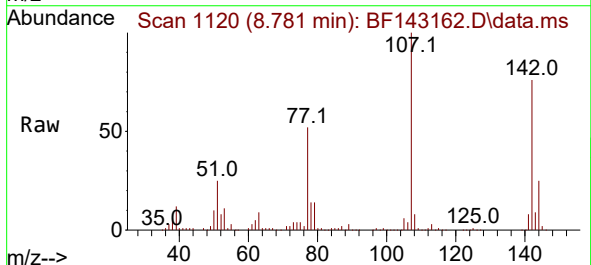
Instrument :
 BNA_F
 ClientSampleId :
 PB168904BS

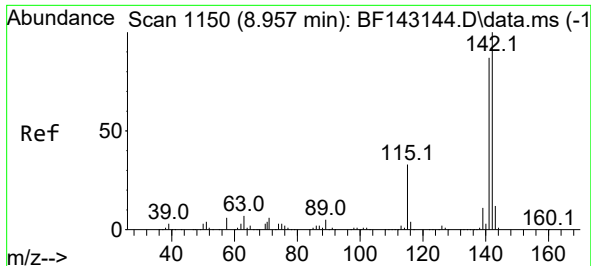
Tgt Ion:113 Resp: 107629
 Ion Ratio Lower Upper
 113 100
 55 203.0 174.0 214.0
 56 151.9 126.6 166.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.140 ng
 RT: 8.781 min Scan# 1120
 Delta R.T. 0.000 min
 Lab File: BF143162.D
 Acq: 18 Jul 2025 12:53

Tgt Ion:107 Resp: 362456
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.8 29.6
 142 75.8 60.6 90.8

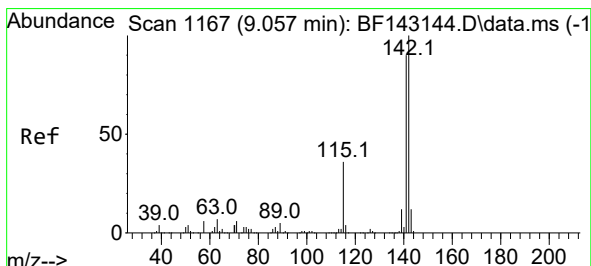
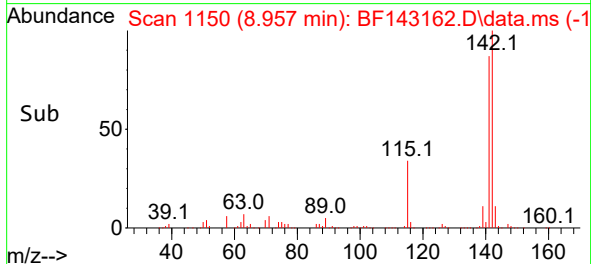
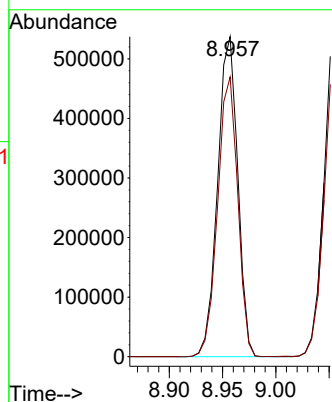
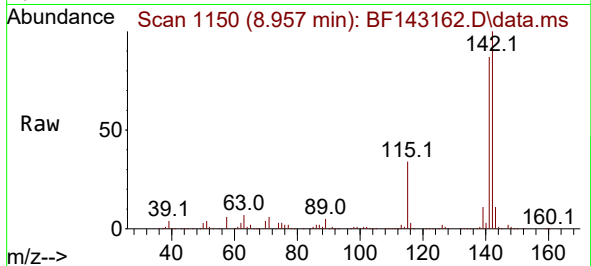




#37
2-Methylnaphthalene
Concen: 43.318 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

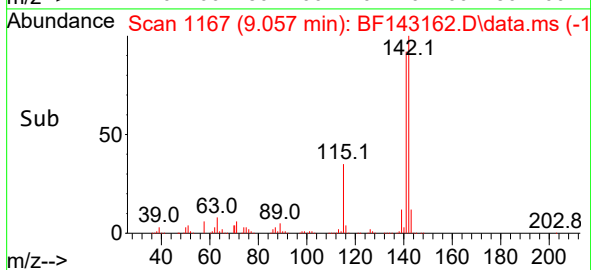
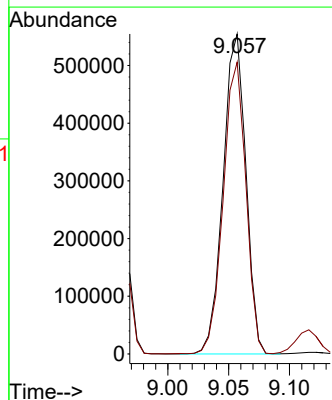
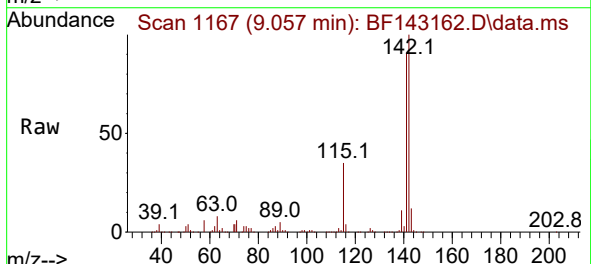
Instrument :
BNA_F
ClientSampleId :
PB168904BS

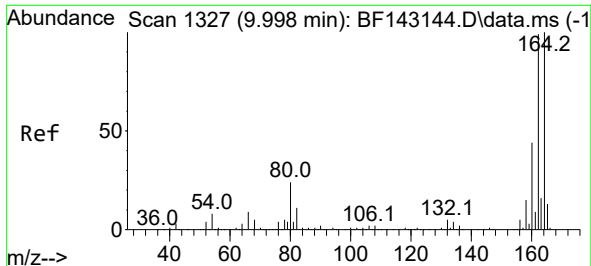
Tgt Ion:142 Resp: 702863
Ion Ratio Lower Upper
142 100
141 87.4 69.9 104.9



#38
1-Methylnaphthalene
Concen: 43.203 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

Tgt Ion:142 Resp: 721852
Ion Ratio Lower Upper
142 100
141 91.2 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143162.D

Acq: 18 Jul 2025 12:53

Instrument :

BNA_F

ClientSampleId :

PB168904BS

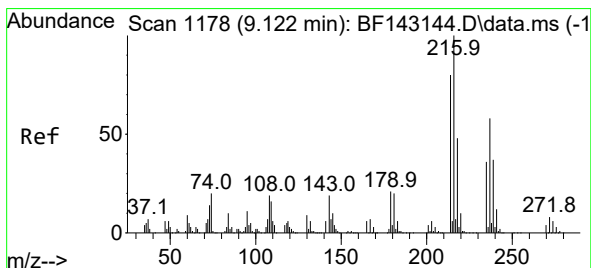
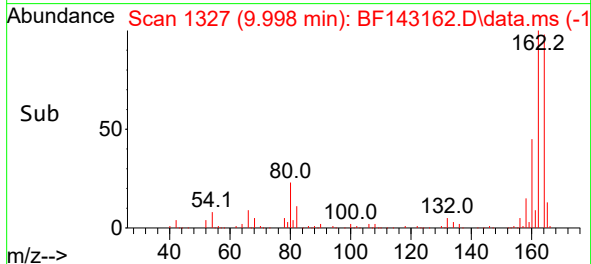
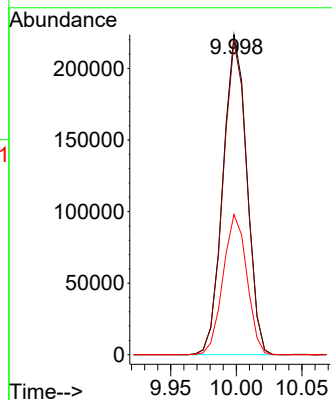
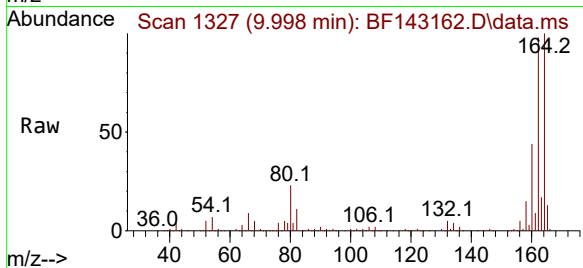
Tgt Ion:164 Resp: 282216

Ion Ratio Lower Upper

164 100

162 97.9 79.0 118.6

160 43.8 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.550 ng

RT: 9.122 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143162.D

Acq: 18 Jul 2025 12:53

Tgt Ion:216 Resp: 338541

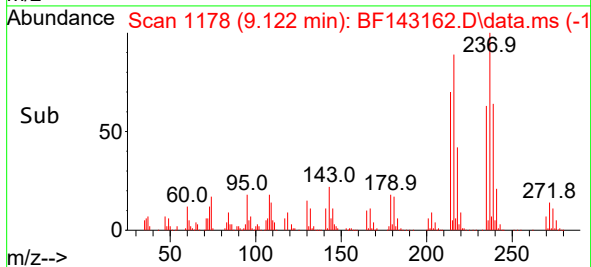
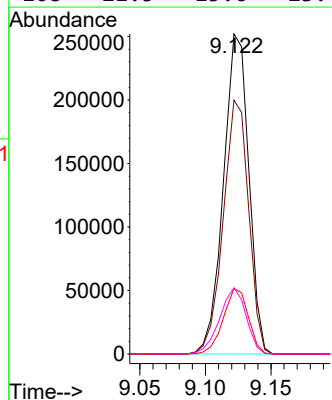
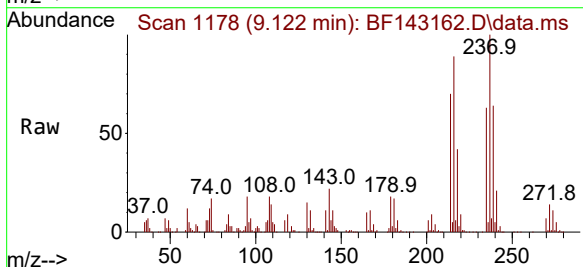
Ion Ratio Lower Upper

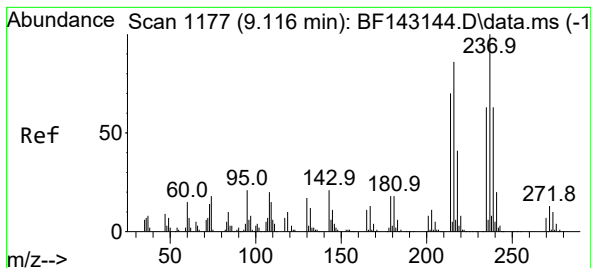
216 100

214 79.3 63.8 95.8

179 20.2 16.4 24.6

108 21.5 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 86.269 ng

RT: 9.116 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF143162.D

Acq: 18 Jul 2025 12:53

Instrument :

BNA_F

ClientSampleId :

PB168904BS

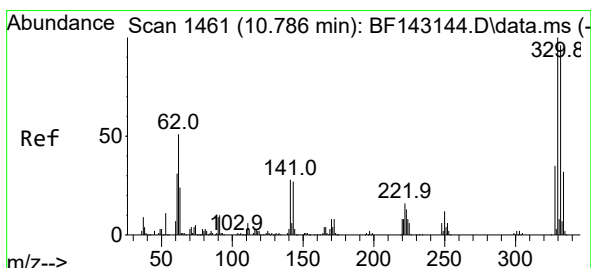
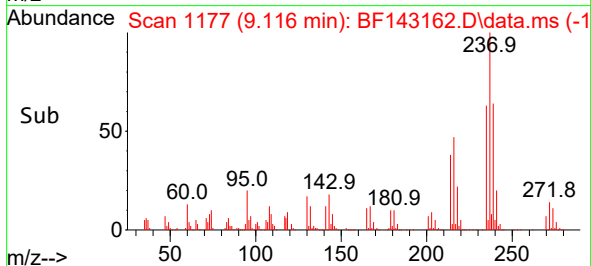
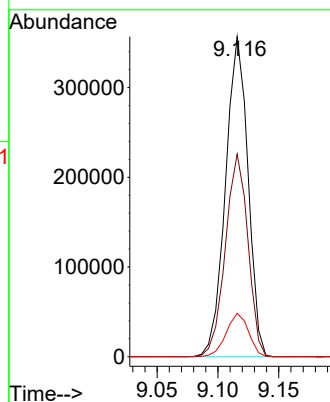
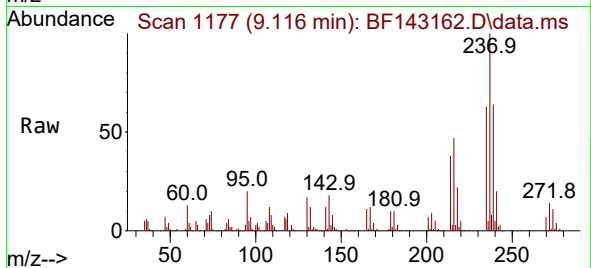
Tgt Ion:237 Resp: 457365

Ion Ratio Lower Upper

237 100

235 63.3 43.0 83.0

272 13.6 0.0 33.3



#42

2,4,6-Tribromophenol

Concen: 83.552 ng

RT: 10.786 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BF143162.D

Acq: 18 Jul 2025 12:53

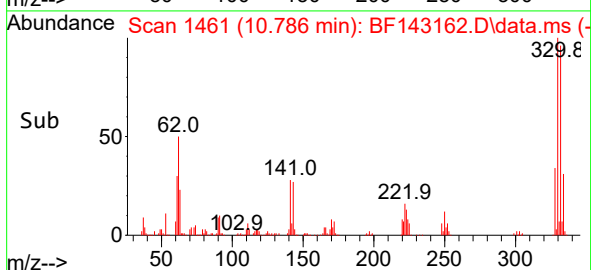
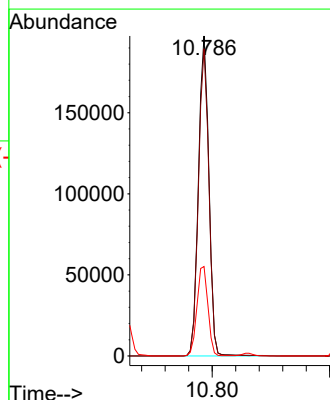
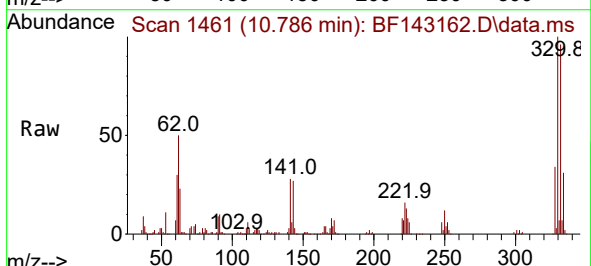
Tgt Ion:330 Resp: 243592

Ion Ratio Lower Upper

330 100

332 95.7 76.7 115.1

141 29.4 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 42.942 ng

RT: 9.228 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF143162.D

Acq: 18 Jul 2025 12:53

Instrument :

BNA_F

ClientSampleId :

PB168904BS

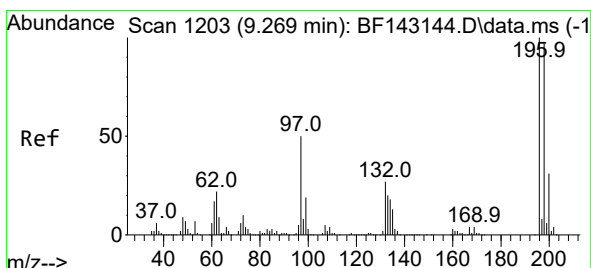
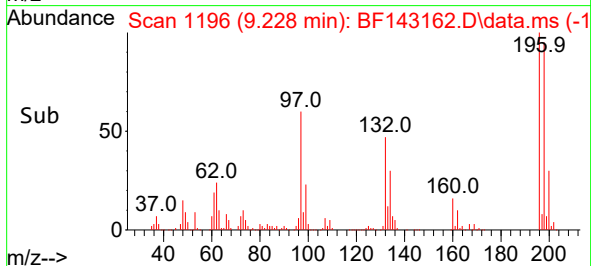
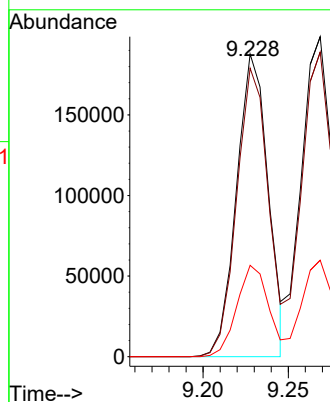
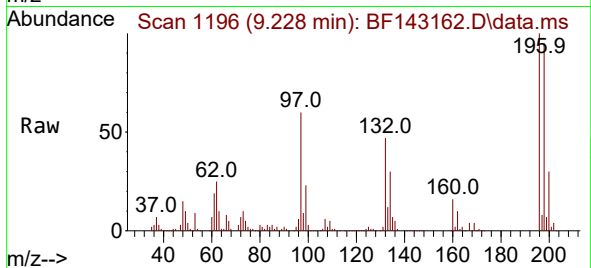
Tgt Ion:196 Resp: 242153

Ion Ratio Lower Upper

196 100

198 95.3 76.2 114.2

200 30.2 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 45.656 ng

RT: 9.269 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF143162.D

Acq: 18 Jul 2025 12:53

Tgt Ion:196 Resp: 257533

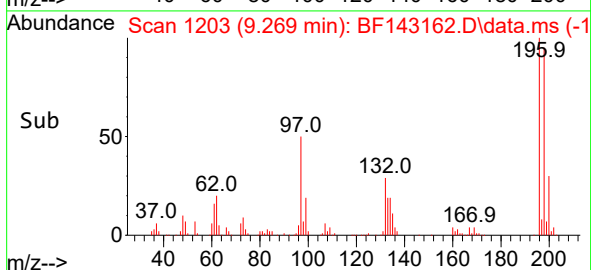
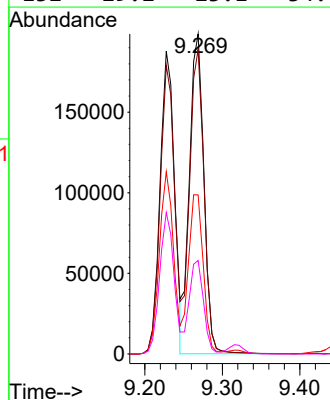
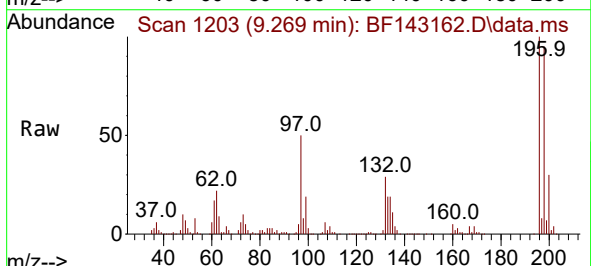
Ion Ratio Lower Upper

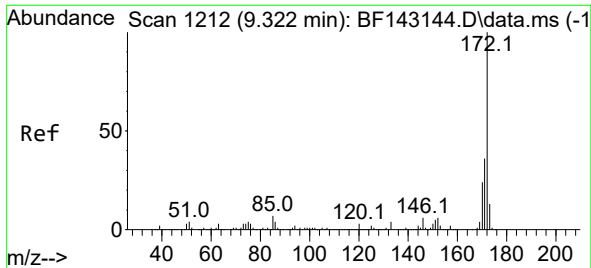
196 100

198 95.2 77.3 115.9

97 49.7 40.3 60.5

132 29.2 23.1 34.7

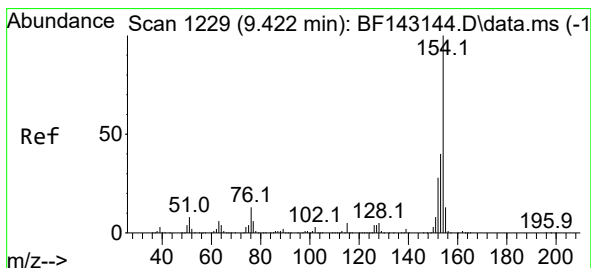
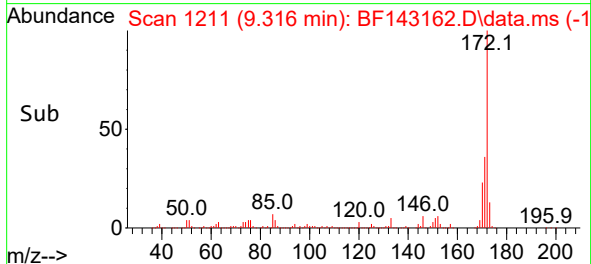
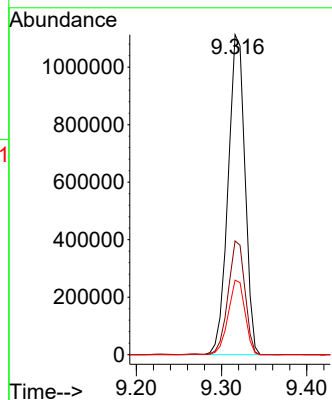
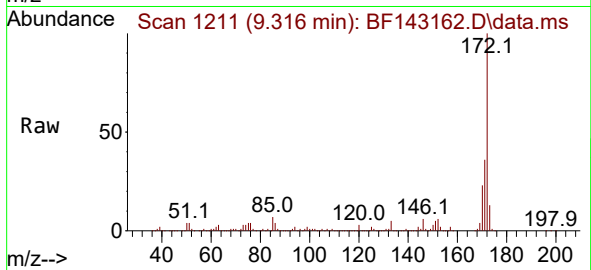




#45
2-Fluorobiphenyl
Concen: 74.474 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

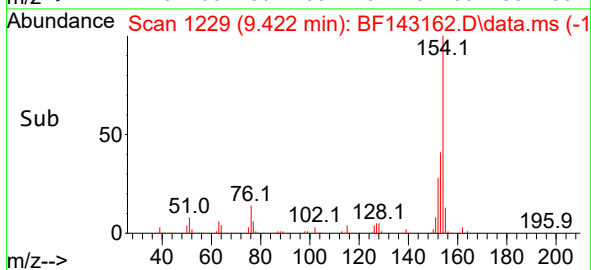
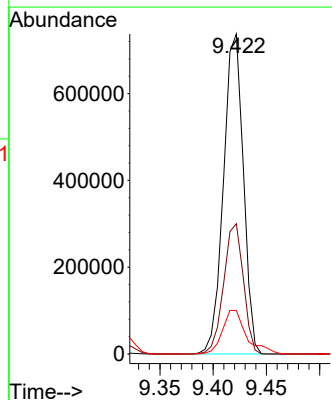
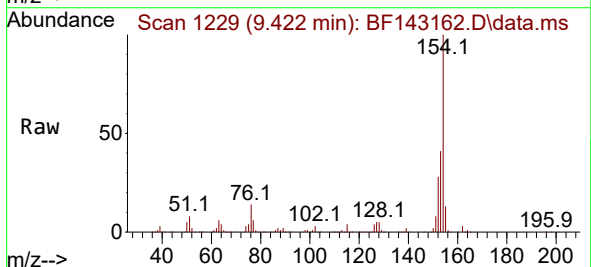
Instrument :
BNA_F
ClientSampleId :
PB168904BS

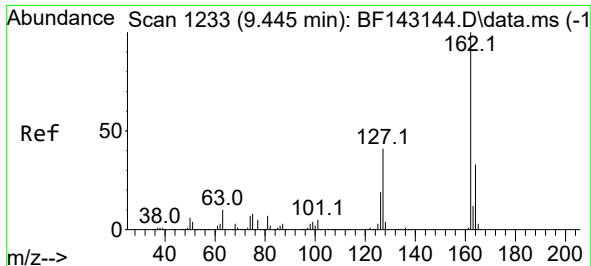
Tgt Ion:172 Resp: 1536809
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.3 18.8 28.2



#46
1,1'-Biphenyl
Concen: 43.306 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

Tgt Ion:154 Resp: 953537
Ion Ratio Lower Upper
154 100
153 40.7 20.3 60.3
76 13.6 0.0 33.3





#47

2-Chloronaphthalene

Concen: 42.622 ng

RT: 9.445 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF143162.D

Acq: 18 Jul 2025 12:53

Instrument :

BNA_F

ClientSampleId :

PB168904BS

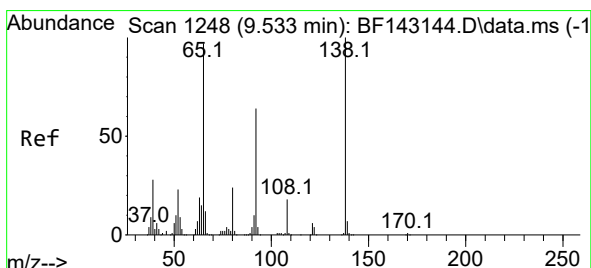
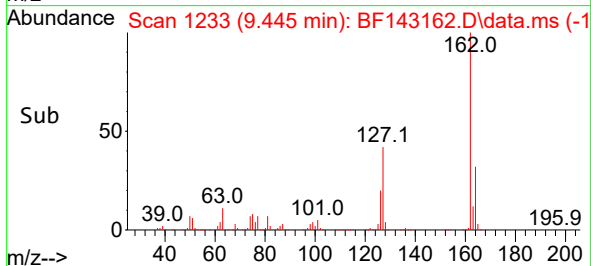
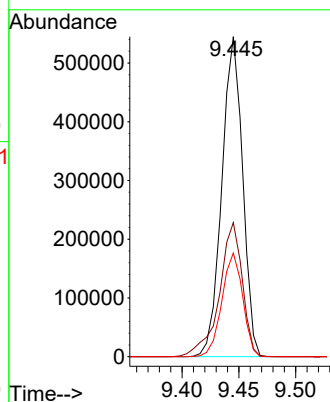
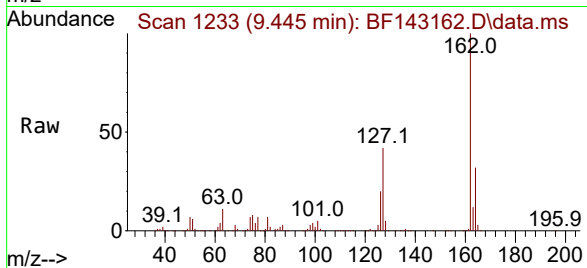
Tgt Ion:162 Resp: 694401

Ion Ratio Lower Upper

162 100

127 41.9 33.4 50.2

164 32.4 26.2 39.2



#48

2-Nitroaniline

Concen: 46.675 ng

RT: 9.533 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF143162.D

Acq: 18 Jul 2025 12:53

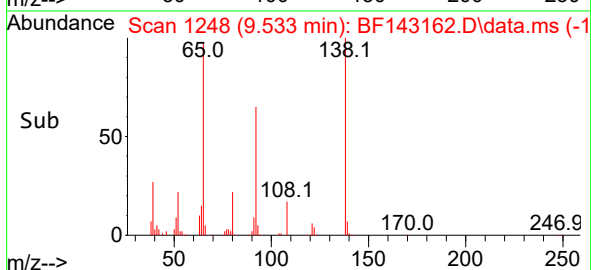
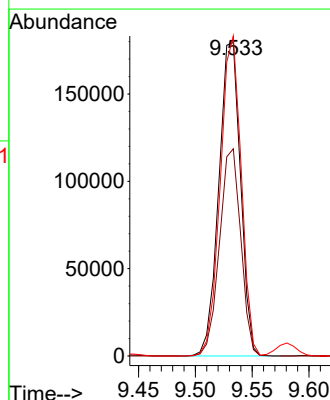
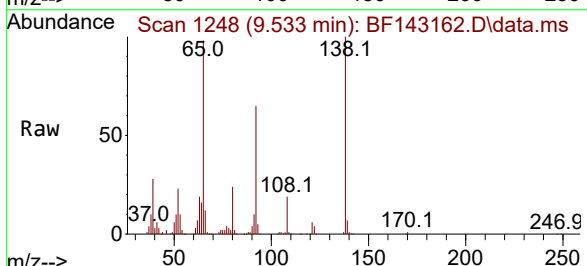
Tgt Ion: 65 Resp: 238471

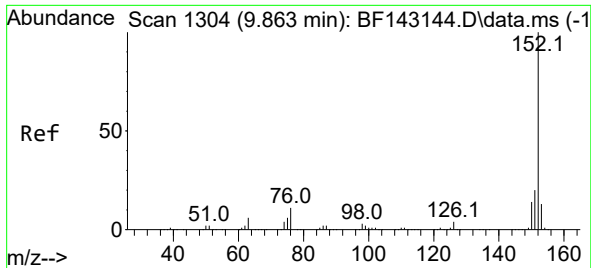
Ion Ratio Lower Upper

65 100

92 66.1 52.4 78.6

138 102.1 82.3 123.5

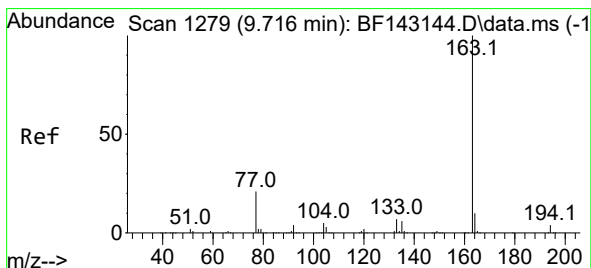
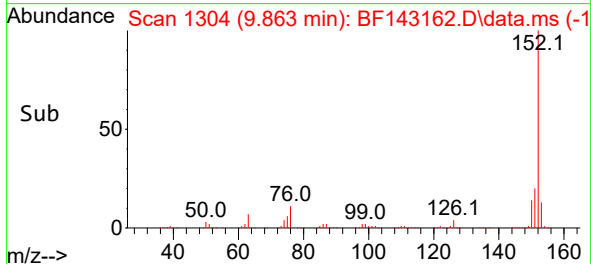
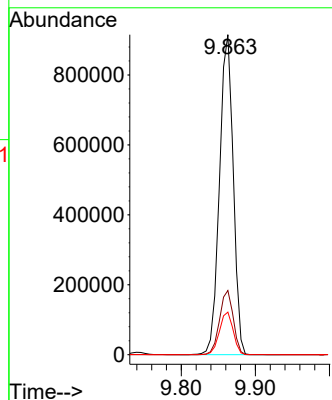
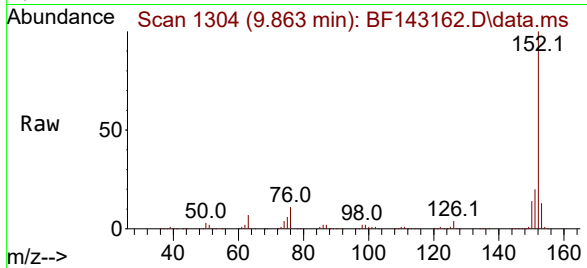




#49
Acenaphthylene
Concen: 43.191 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

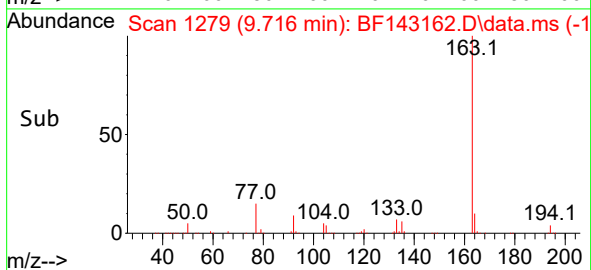
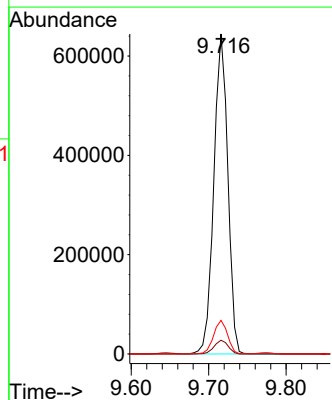
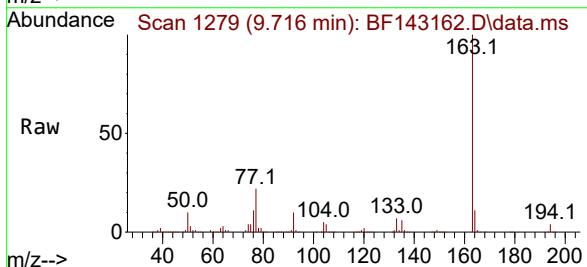
Instrument :
BNA_F
ClientSampleId :
PB168904BS

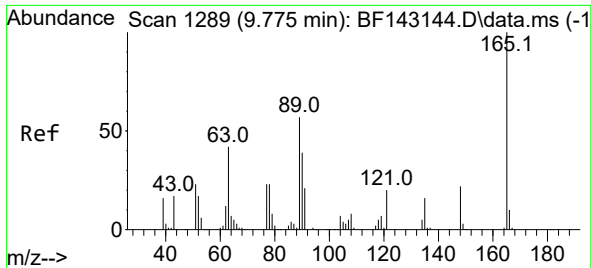
Tgt Ion:152 Resp: 1179238
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.3 10.6 16.0



#50
Dimethylphthalate
Concen: 43.873 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

Tgt Ion:163 Resp: 807076
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.5 8.3 12.5

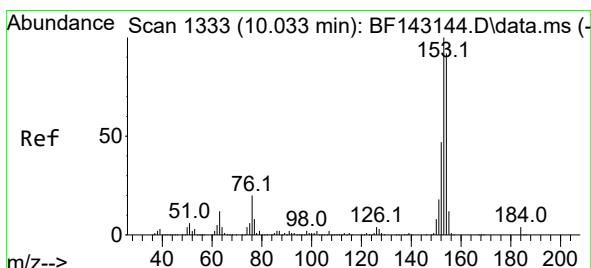
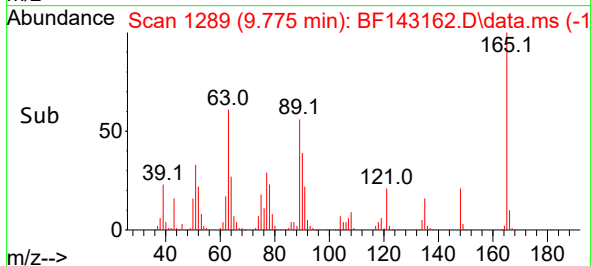
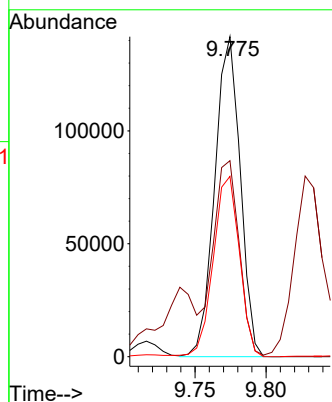
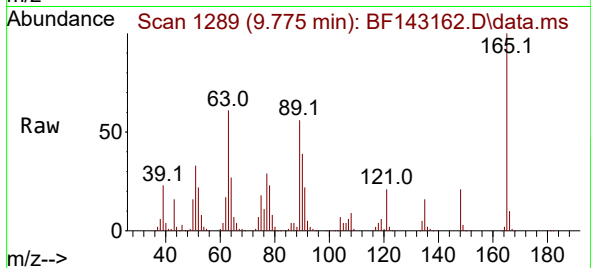




#51
2,6-Dinitrotoluene
Concen: 47.227 ng
RT: 9.775 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

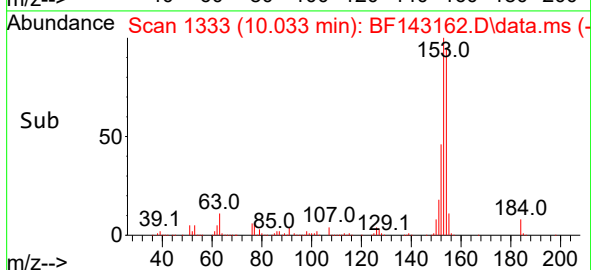
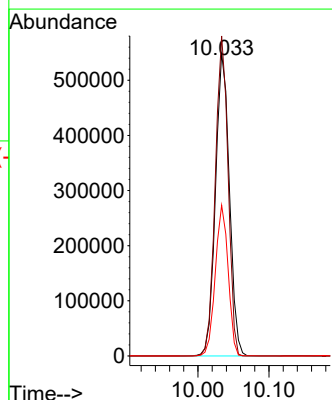
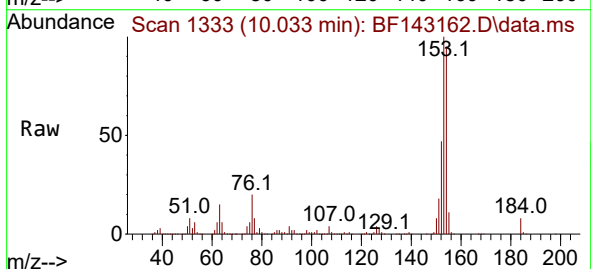
Instrument :
BNA_F
ClientSampleId :
PB168904BS

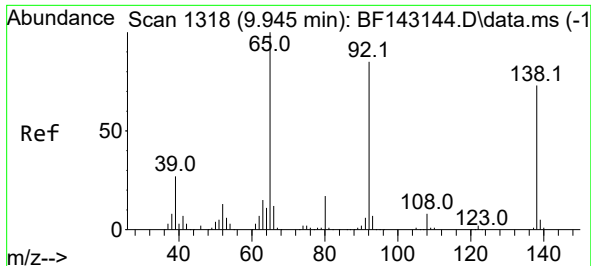
Tgt Ion:165 Resp: 176735
Ion Ratio Lower Upper
165 100
63 61.2 49.4 74.2
89 56.3 46.2 69.2



#52
Acenaphthene
Concen: 46.151 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

Tgt Ion:154 Resp: 744758
Ion Ratio Lower Upper
154 100
153 105.6 86.6 129.8
152 49.8 40.4 60.6

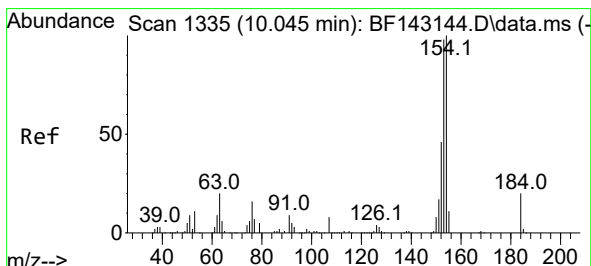
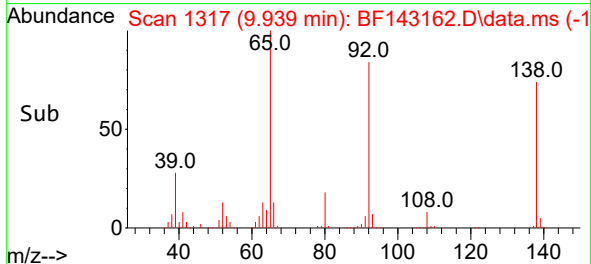
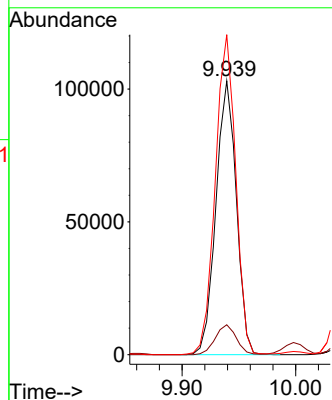
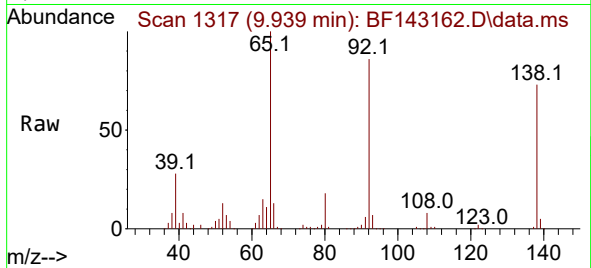




#53
3-Nitroaniline
Concen: 29.387 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

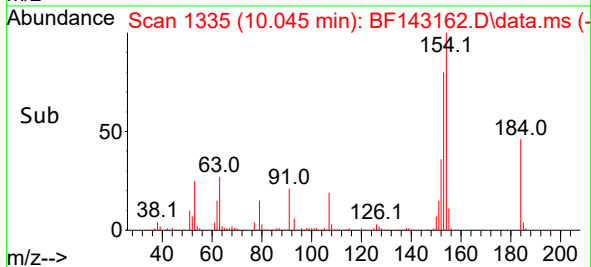
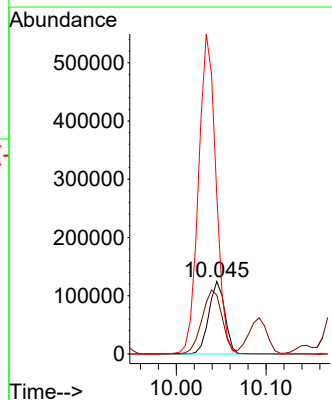
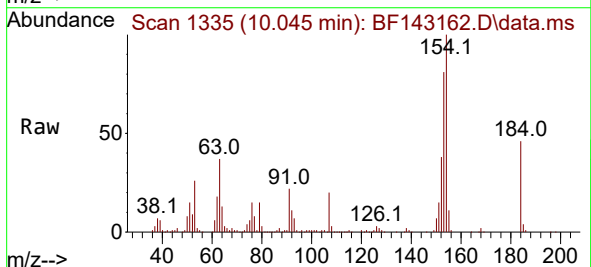
Instrument :
BNA_F
ClientSampleId :
PB168904BS

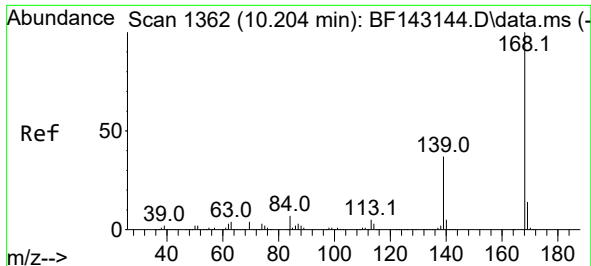
Tgt Ion:138 Resp: 128632
Ion Ratio Lower Upper
138 100
108 11.0 9.0 13.6
92 116.9 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 90.478 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

Tgt Ion:184 Resp: 155071
Ion Ratio Lower Upper
184 100
63 81.2 81.8 122.6#
154 217.4 412.2 618.4#

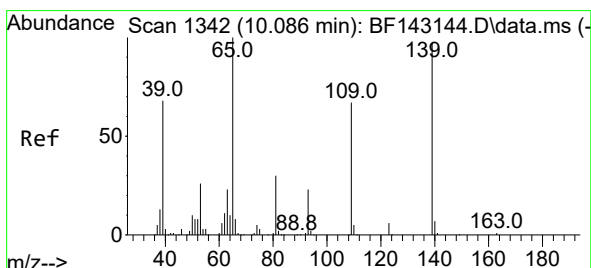
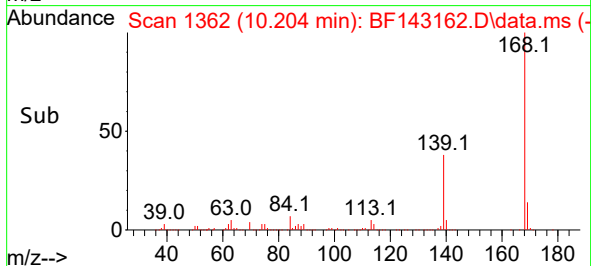
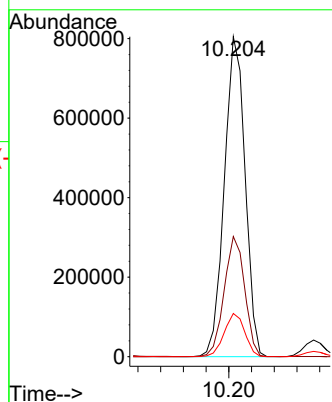
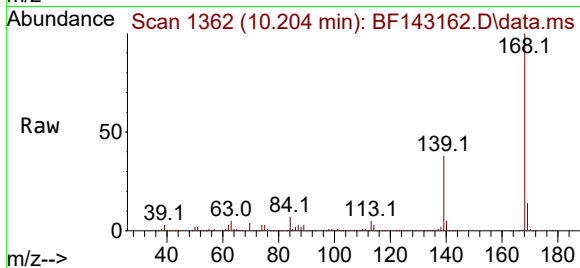




#55
Dibenzenofuran
Concen: 42.640 ng
RT: 10.204 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

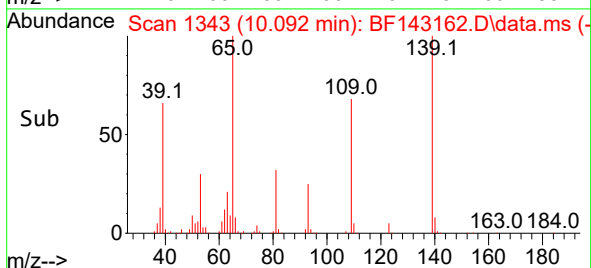
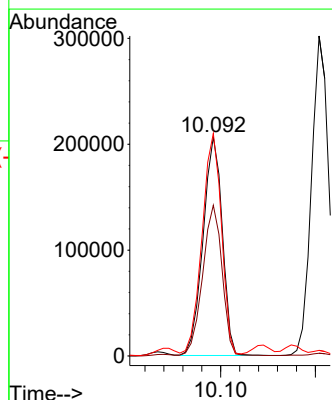
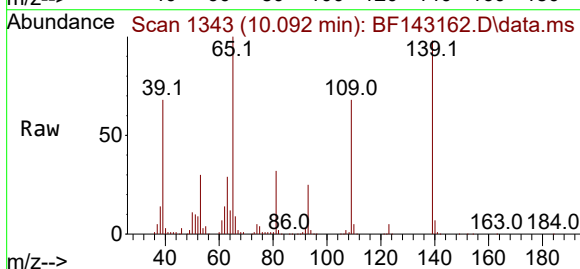
Instrument :
BNA_F
ClientSampleId :
PB168904BS

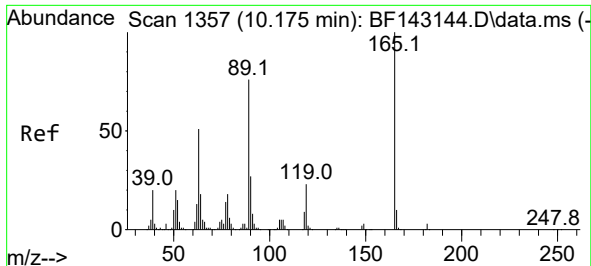
Tgt Ion:168 Resp: 1021602
Ion Ratio Lower Upper
168 100
139 37.6 29.5 44.3
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 89.152 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

Tgt Ion:139 Resp: 291400
Ion Ratio Lower Upper
139 100
109 68.9 48.5 88.5
65 101.6 83.4 123.4

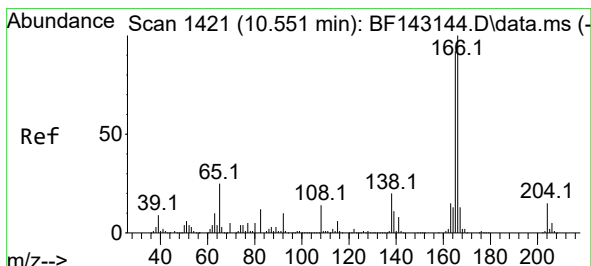
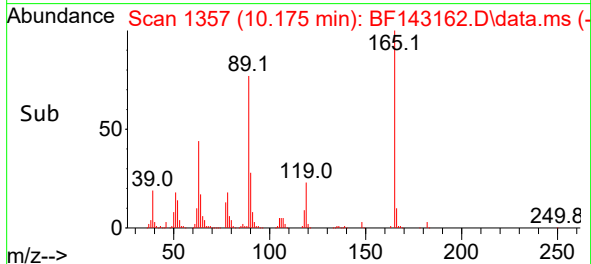
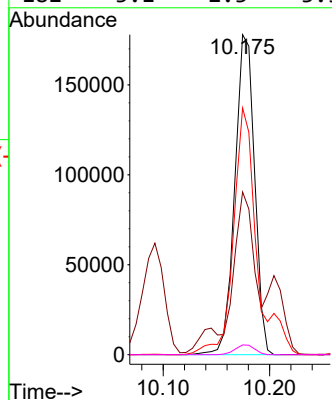
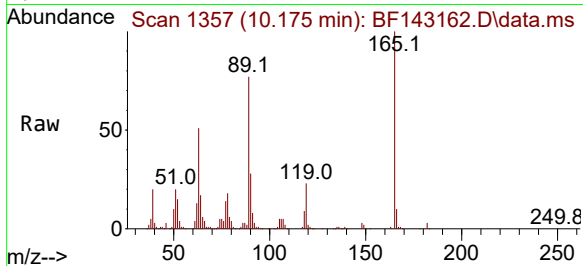




#57
2,4-Dinitrotoluene
Concen: 48.875 ng
RT: 10.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

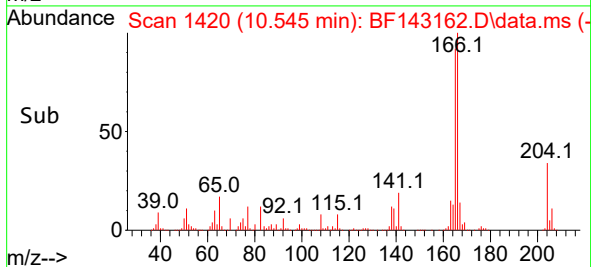
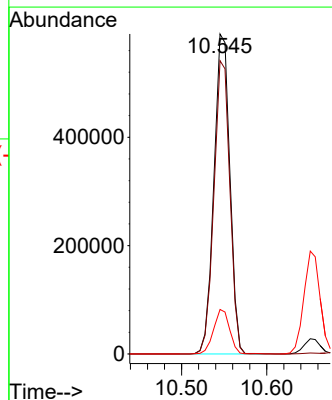
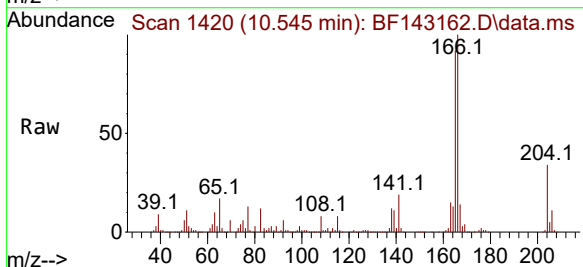
Instrument :
BNA_F
ClientSampleId :
PB168904BS

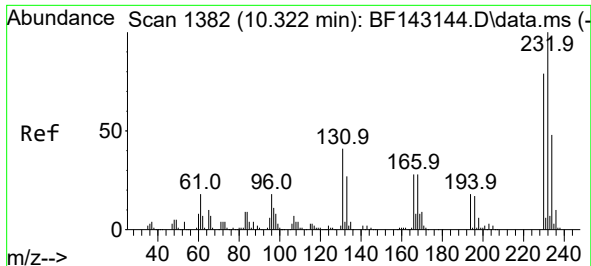
Tgt Ion:165 Resp: 229467
Ion Ratio Lower Upper
165 100
63 50.9 41.0 61.4
89 77.1 61.1 91.7
182 3.1 2.3 3.5



#58
Fluorene
Concen: 42.831 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

Tgt Ion:166 Resp: 770170
Ion Ratio Lower Upper
166 100
165 91.6 73.7 110.5
167 13.9 10.6 16.0

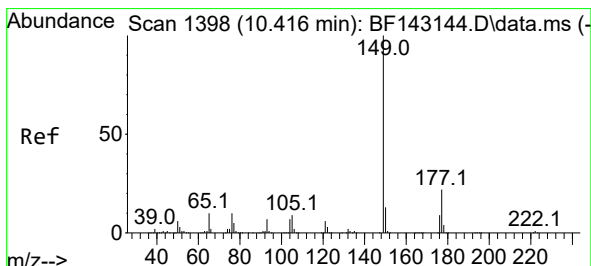
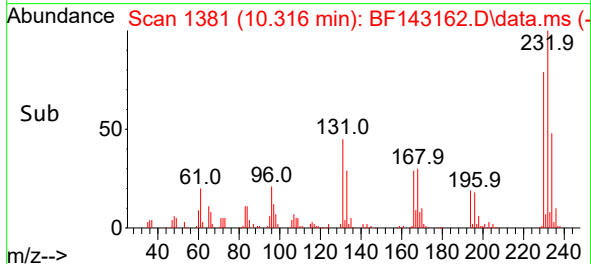
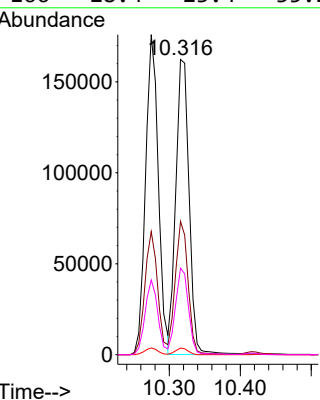
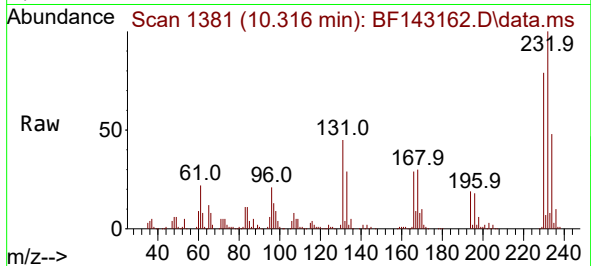




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.074 ng
RT: 10.316 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

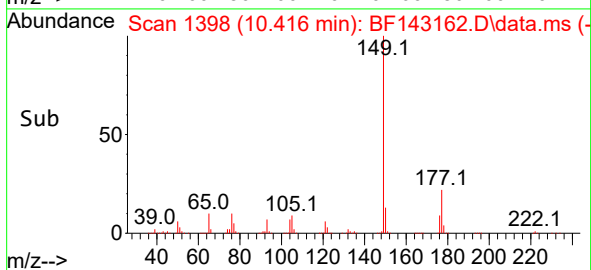
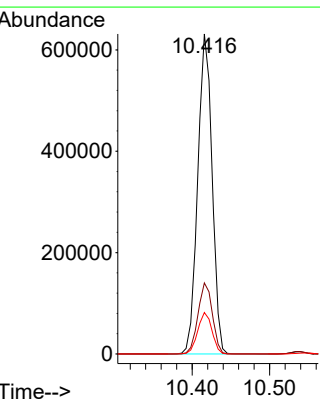
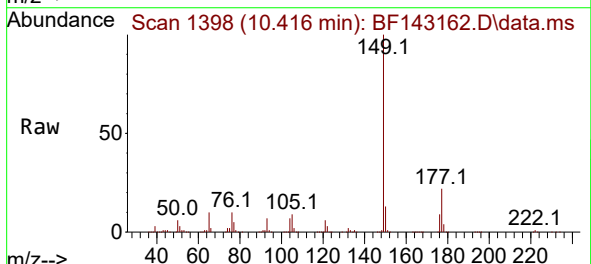
Instrument :
BNA_F
ClientSampleId :
PB168904BS

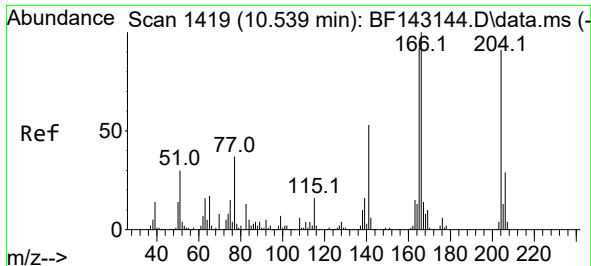
Tgt Ion:232 Resp: 210611
Ion Ratio Lower Upper
232 100
131 43.5 35.3 52.9
130 2.1 1.7 2.5
166 28.4 23.4 35.2



#60
Diethylphthalate
Concen: 44.651 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

Tgt Ion:149 Resp: 811853
Ion Ratio Lower Upper
149 100
177 22.2 17.5 26.3
150 13.0 10.2 15.2

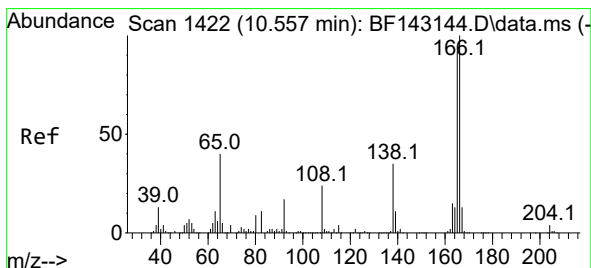
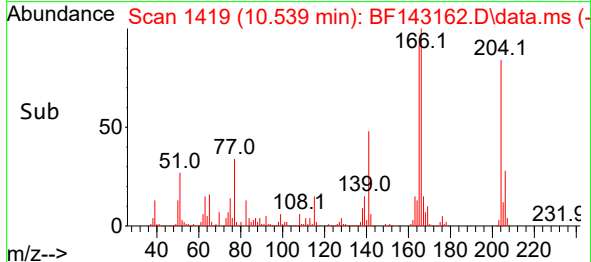
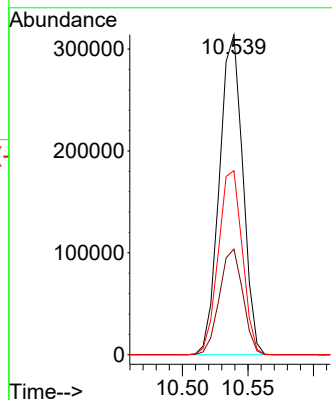
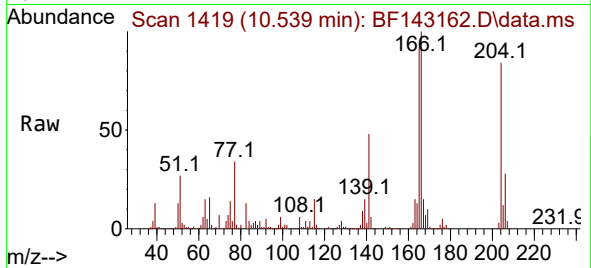




#61
4-Chlorophenyl-phenylether
Concen: 43.440 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

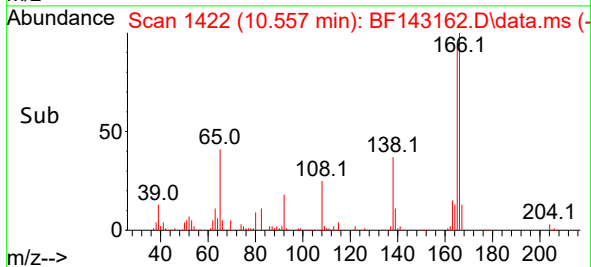
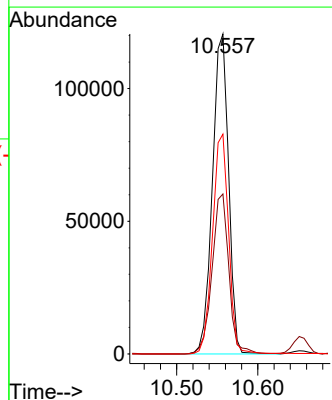
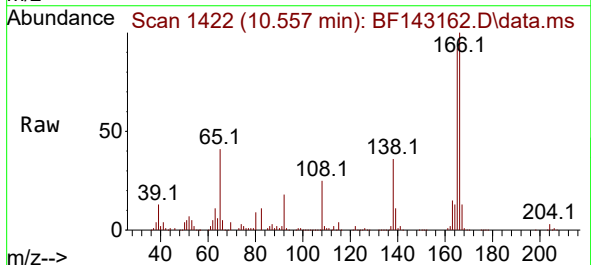
Instrument :
BNA_F
ClientSampleId :
PB168904BS

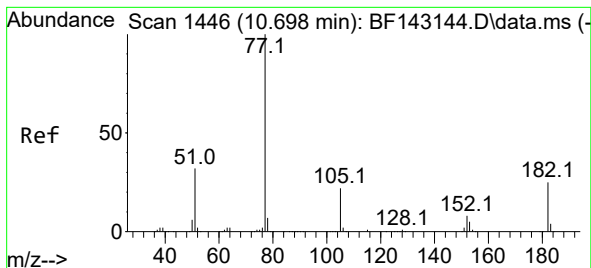
Tgt Ion:204 Resp: 388946
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.8
141 57.5 47.0 70.4



#62
4-Nitroaniline
Concen: 44.297 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

Tgt Ion:138 Resp: 166177
Ion Ratio Lower Upper
138 100
92 50.0 29.3 69.3
108 68.7 48.3 88.3

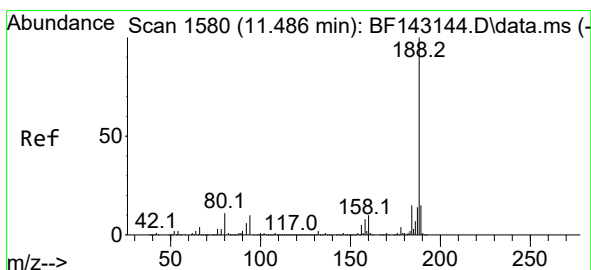
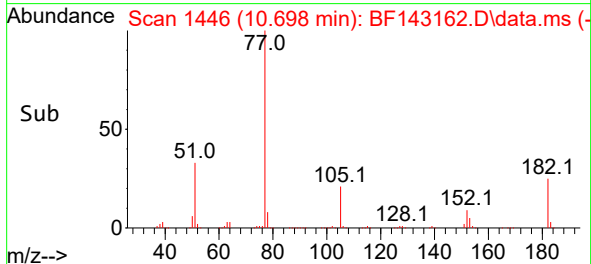
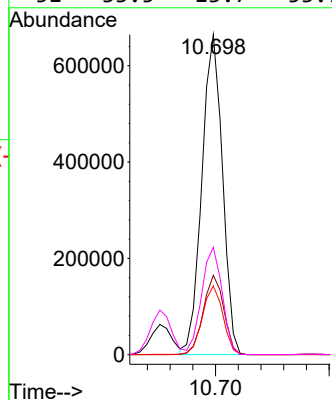
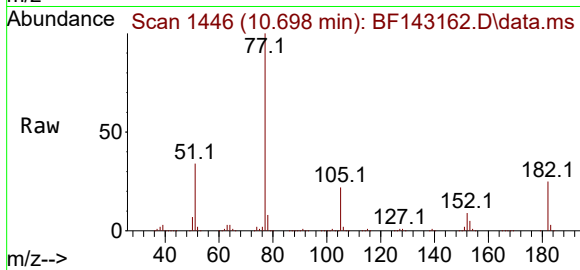




#63
Azobenzene
Concen: 44.124 ng
RT: 10.698 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

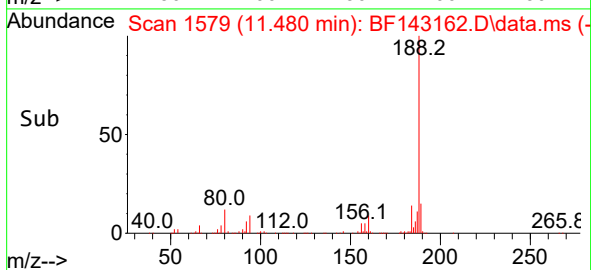
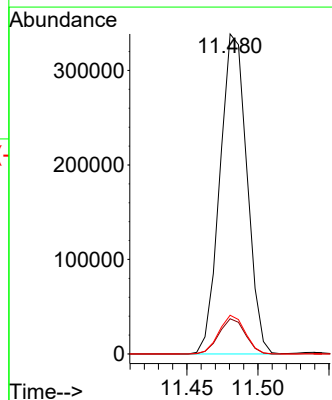
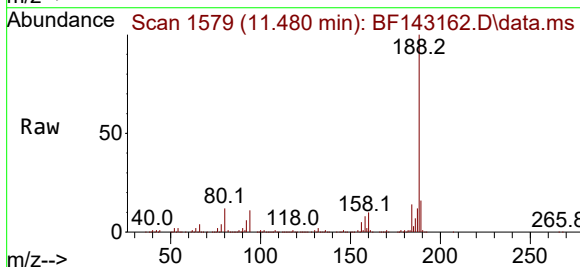
Instrument :
BNA_F
ClientSampleId :
PB168904BS

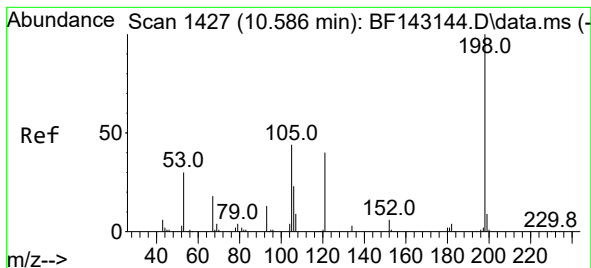
Tgt Ion: 77	Resp: 836150
Ion Ratio	Lower Upper
77 100	
182 24.8	4.6 44.6
105 21.5	1.4 41.4
51 33.5	13.7 53.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

Tgt Ion:188	Resp: 448321
Ion Ratio	Lower Upper
188 100	
94 11.0	8.3 12.5
80 12.1	9.0 13.6

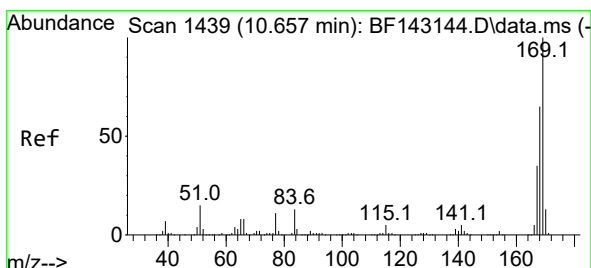
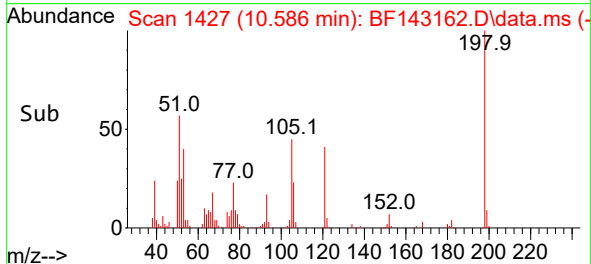
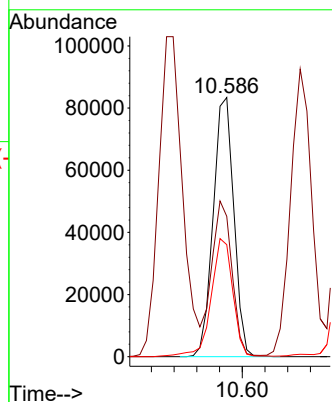
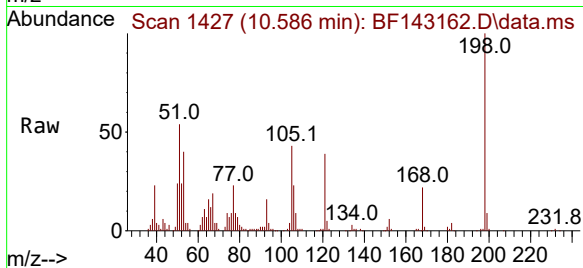




#65
4,6-Dinitro-2-methylphenol
Concen: 45.118 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

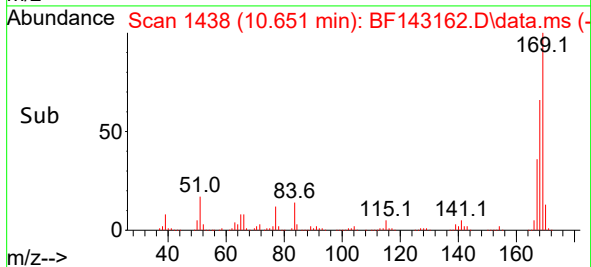
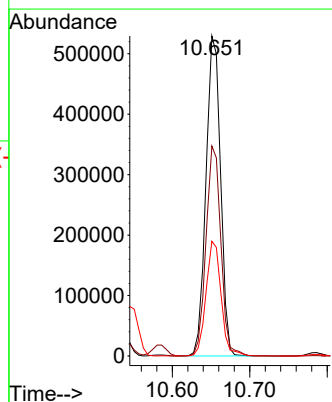
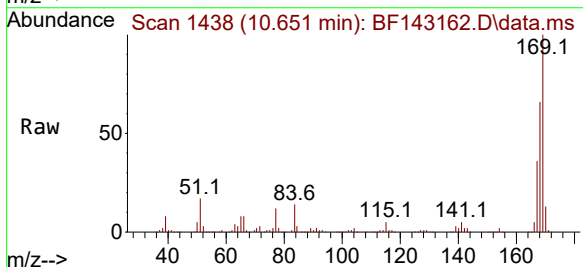
Instrument :
BNA_F
ClientSampleId :
PB168904BS

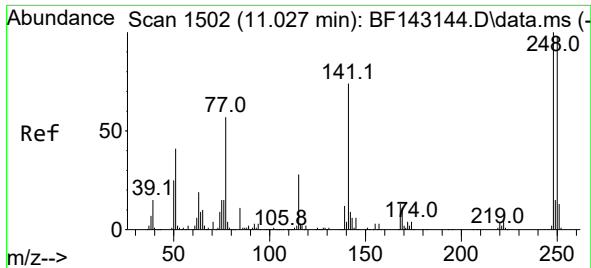
Tgt Ion:198 Resp: 105178
Ion Ratio Lower Upper
198 100
51 54.2 37.2 77.2
105 43.2 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 43.753 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

Tgt Ion:169 Resp: 690716
Ion Ratio Lower Upper
169 100
168 65.6 52.1 78.1
167 35.9 28.2 42.2

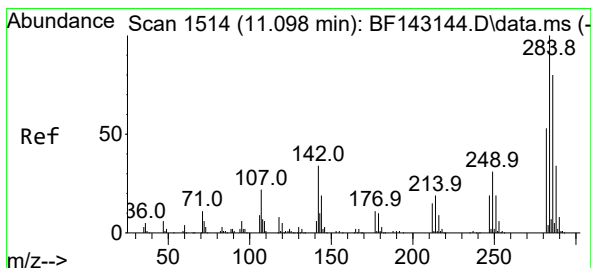
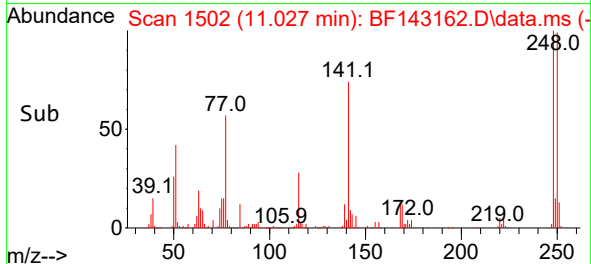
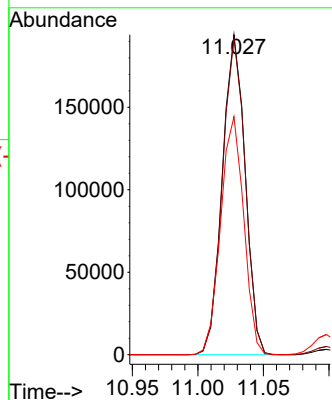
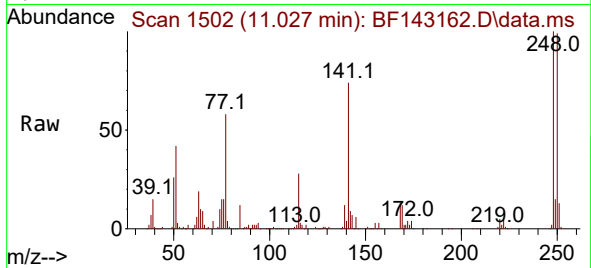




#67
4-Bromophenyl-phenylether
Concen: 44.070 ng
RT: 11.027 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

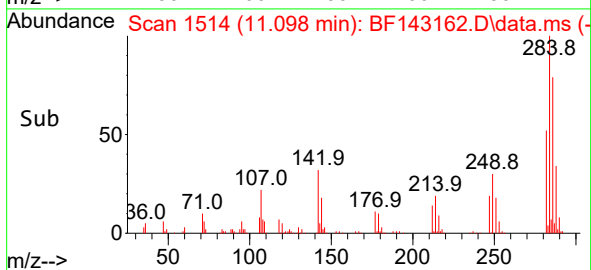
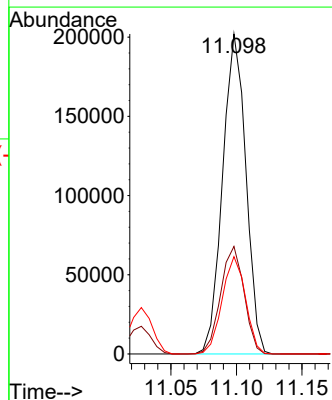
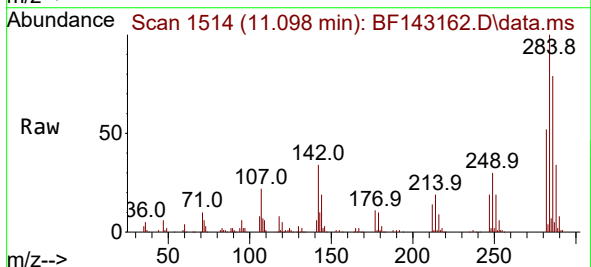
Instrument :
BNA_F
ClientSampleId :
PB168904BS

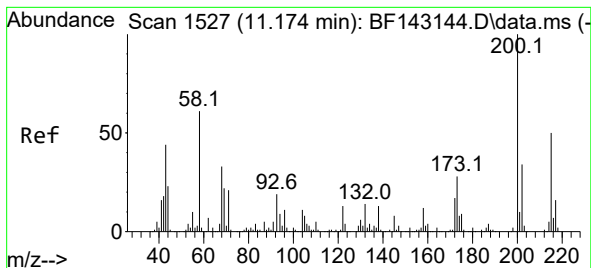
Tgt Ion:248 Resp: 235457
Ion Ratio Lower Upper
248 100
250 98.9 78.3 117.5
141 74.4 59.2 88.8



#68
Hexachlorobenzene
Concen: 44.656 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

Tgt Ion:284 Resp: 249375
Ion Ratio Lower Upper
284 100
142 33.6 27.0 40.6
249 30.4 25.0 37.6





#69

Atrazine

Concen: 47.393 ng

RT: 11.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143162.D

Acq: 18 Jul 2025 12:53

Instrument :

BNA_F

ClientSampleId :

PB168904BS

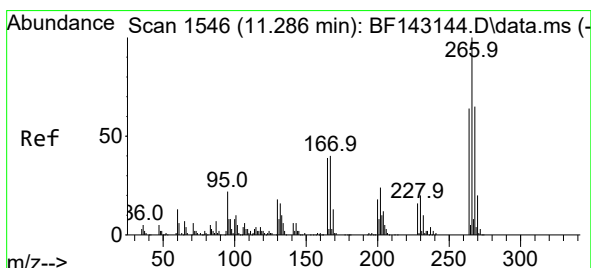
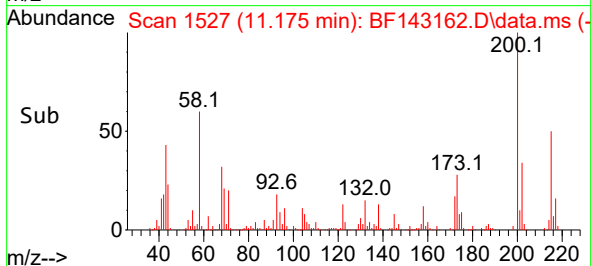
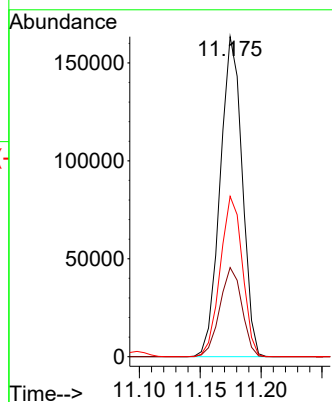
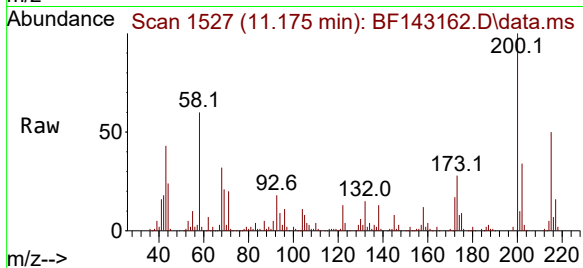
Tgt Ion:200 Resp: 206267

Ion Ratio Lower Upper

200 100

173 27.9 7.9 47.9

215 50.1 30.1 70.1



#70

Pentachlorophenol

Concen: 91.047 ng

RT: 11.286 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF143162.D

Acq: 18 Jul 2025 12:53

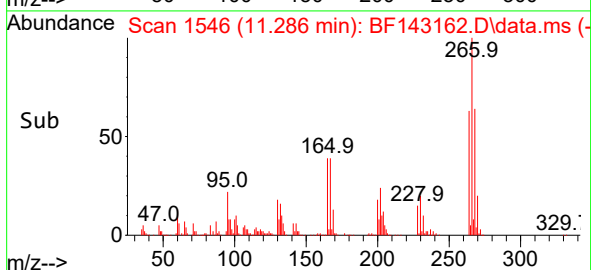
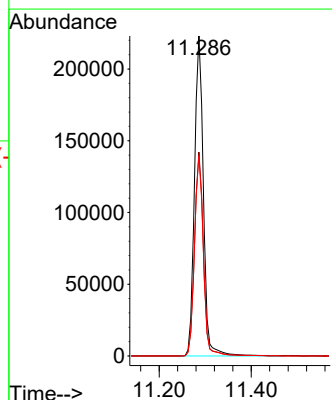
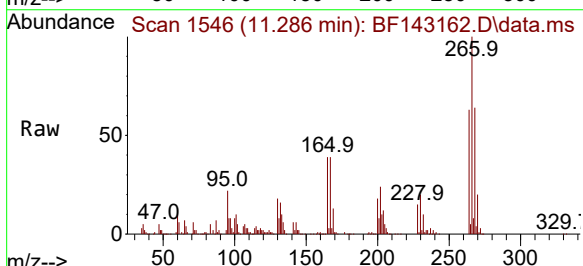
Tgt Ion:266 Resp: 299004

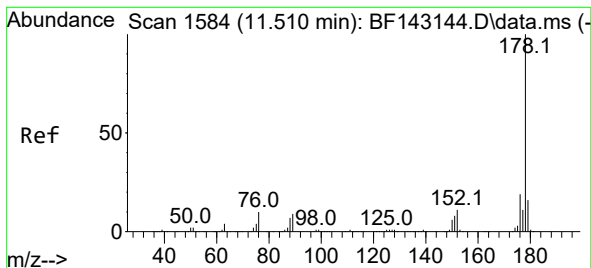
Ion Ratio Lower Upper

266 100

268 63.7 51.9 77.9

264 62.6 51.0 76.6





#71

Phenanthrene

Concen: 43.816 ng

RT: 11.510 min Scan# 1584

Delta R.T. 0.000 min

Lab File: BF143162.D

Acq: 18 Jul 2025 12:53

Instrument :

BNA_F

ClientSampleId :

PB168904BS

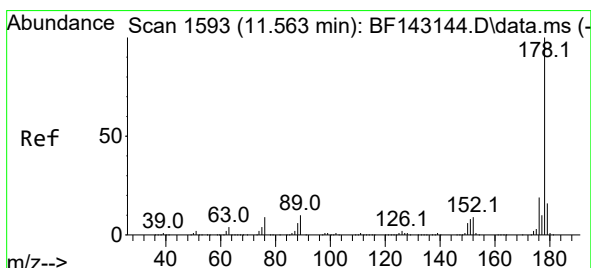
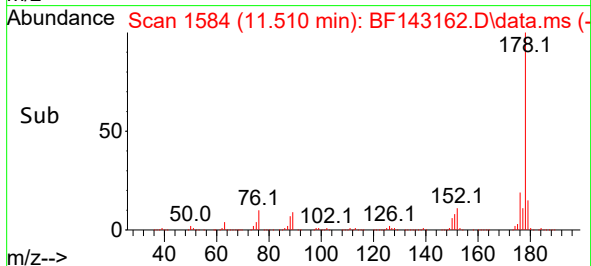
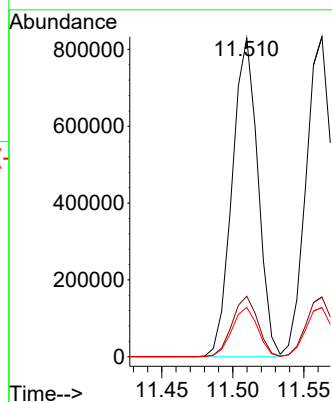
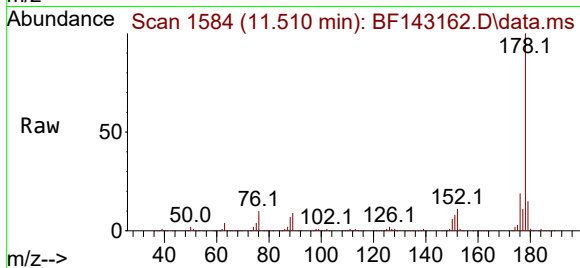
Tgt Ion:178 Resp: 1043022

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 15.5 12.5 18.7



#72

Anthracene

Concen: 43.817 ng

RT: 11.563 min Scan# 1593

Delta R.T. 0.000 min

Lab File: BF143162.D

Acq: 18 Jul 2025 12:53

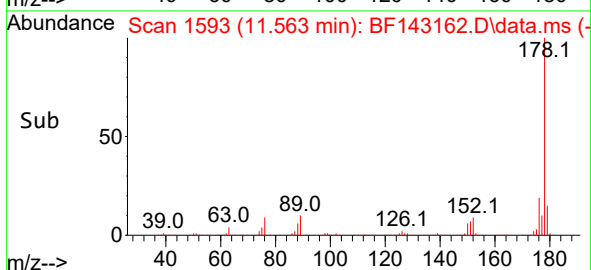
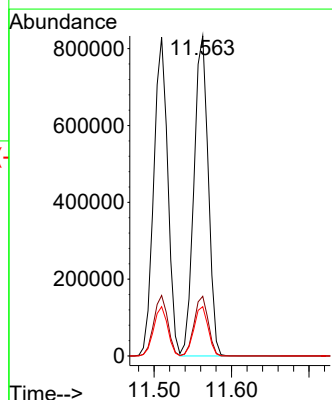
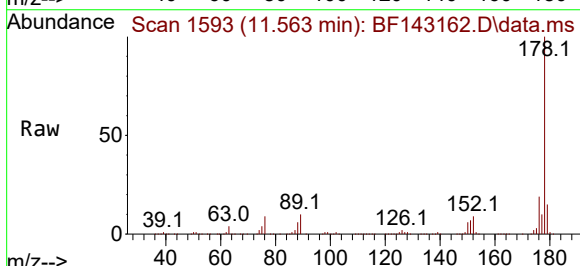
Tgt Ion:178 Resp: 1063793

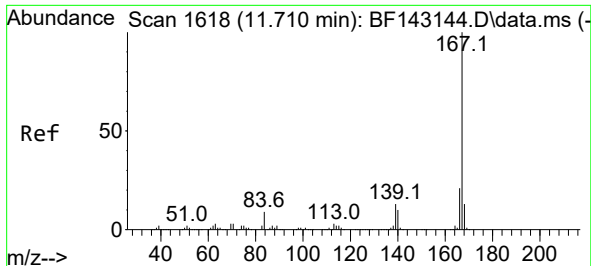
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

179 15.4 12.5 18.7

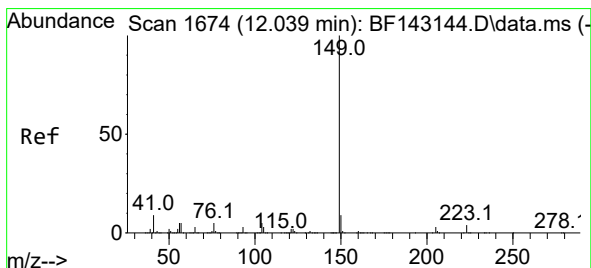
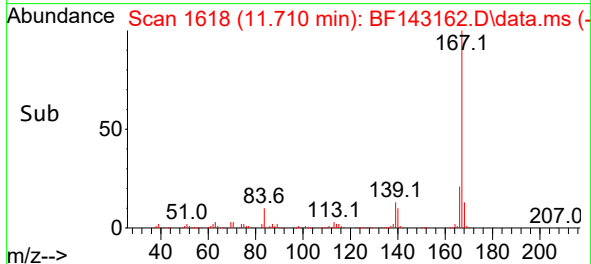
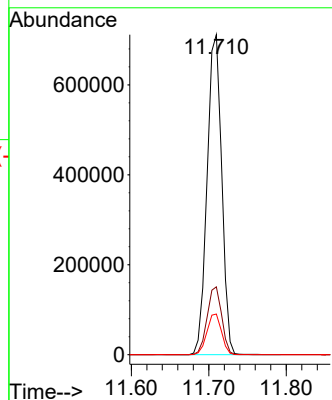
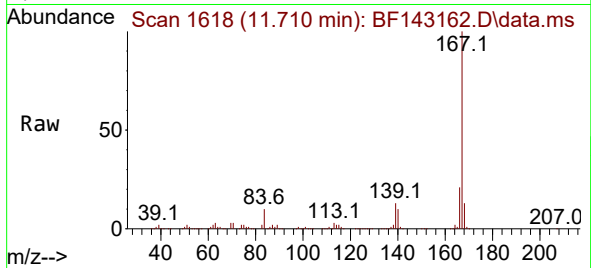




#73
 Carbazole
 Concen: 43.877 ng
 RT: 11.710 min Scan# 1618
 Delta R.T. 0.000 min
 Lab File: BF143162.D
 Acq: 18 Jul 2025 12:53

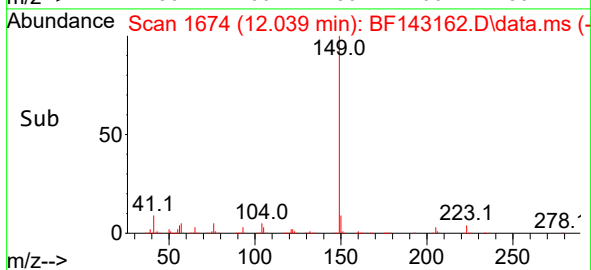
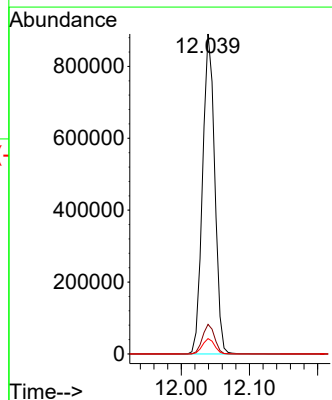
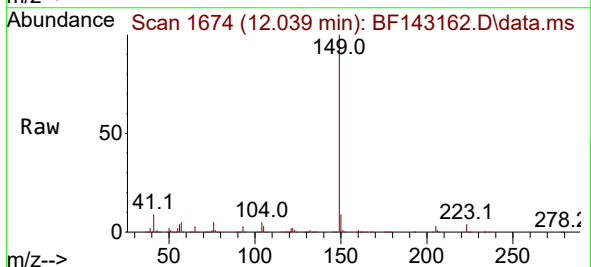
Instrument :
 BNA_F
 ClientSampleId :
 PB168904BS

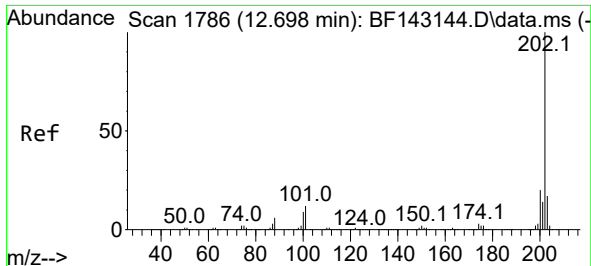
Tgt Ion:167 Resp: 930154
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.6
 139 12.7 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 46.000 ng
 RT: 12.039 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BF143162.D
 Acq: 18 Jul 2025 12:53

Tgt Ion:149 Resp: 1103396
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.8 3.8 5.8

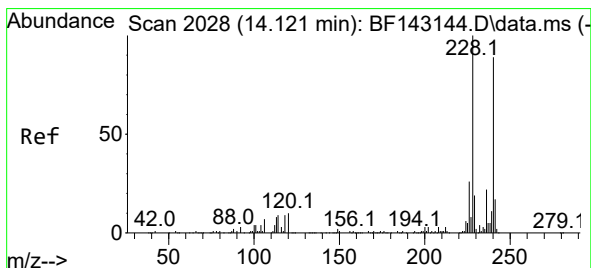
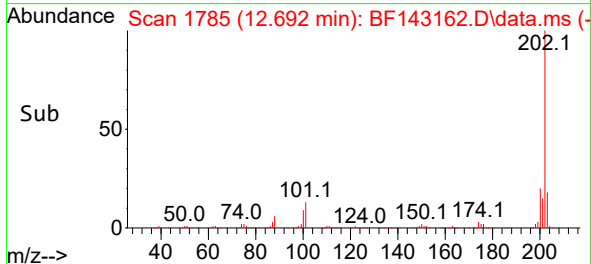
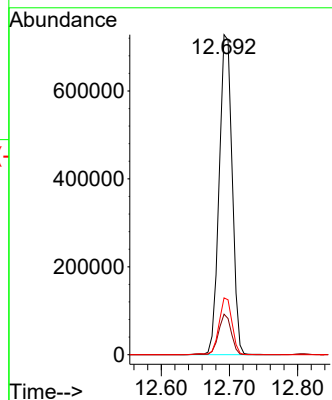
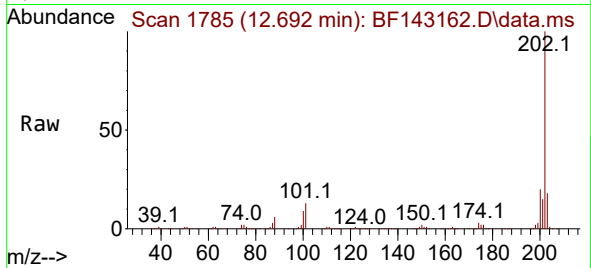




#75
Fluoranthene
Concen: 44.189 ng
RT: 12.692 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

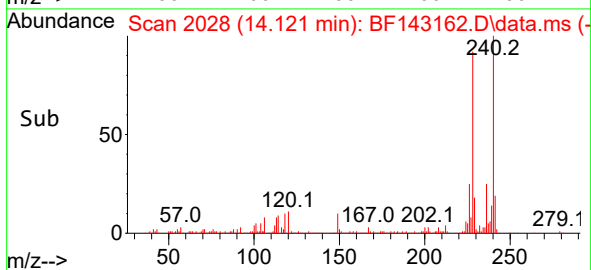
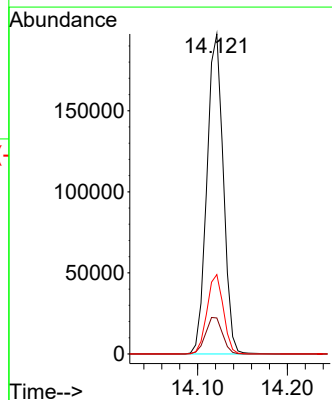
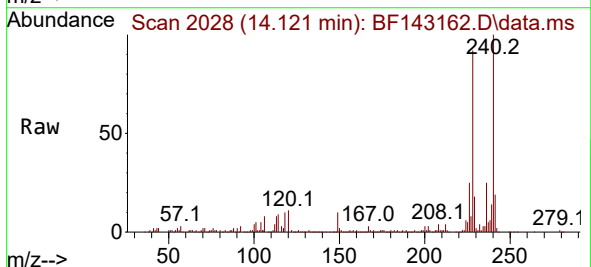
Instrument :
BNA_F
ClientSampleId :
PB168904BS

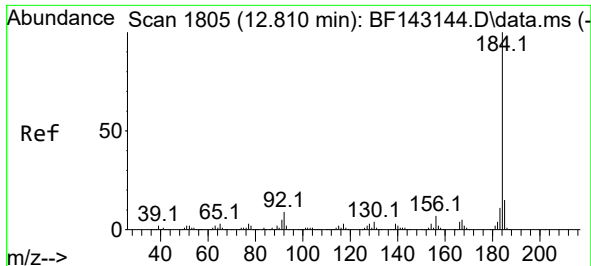
Tgt Ion:202 Resp: 965500
Ion Ratio Lower Upper
202 100
101 12.7 0.0 31.7
203 17.7 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

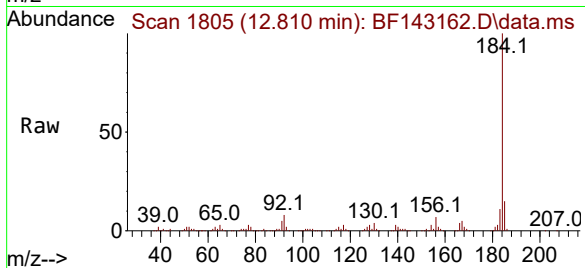
Tgt Ion:240 Resp: 250022
Ion Ratio Lower Upper
240 100
120 11.3 9.4 14.2
236 24.8 20.2 30.4



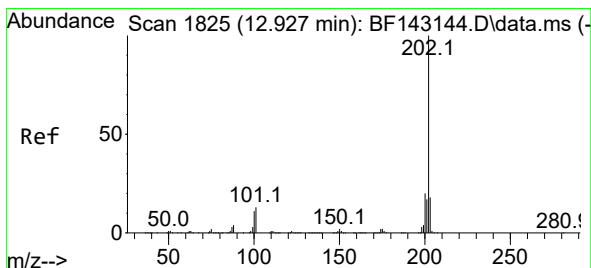
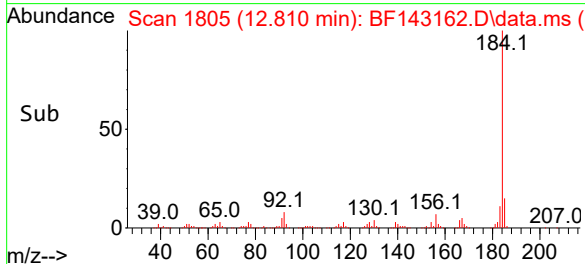
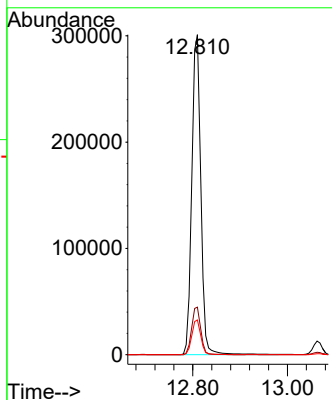


#77
Benzidine
Concen: 41.430 ng
RT: 12.810 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

Instrument :
BNA_F
ClientSampleId :
PB168904BS

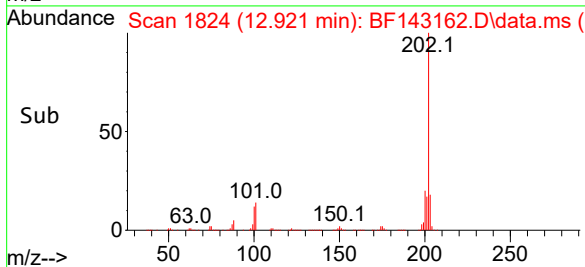
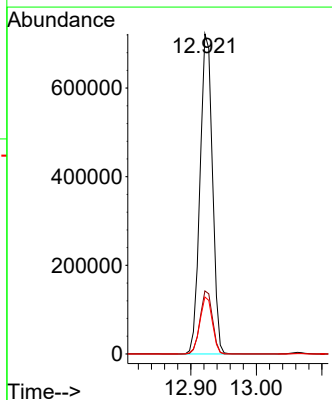
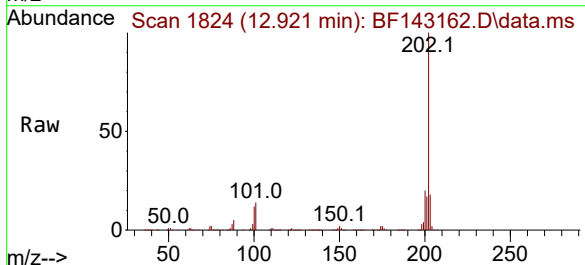


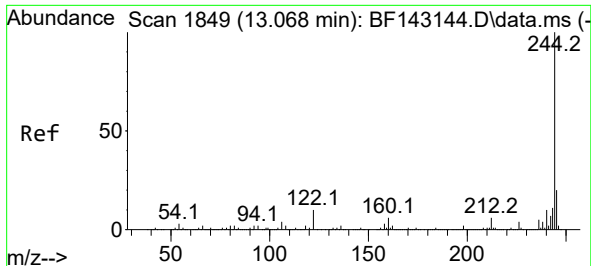
Tgt Ion:184 Resp: 399079
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.4
183 10.9 9.0 13.4



#78
Pyrene
Concen: 44.693 ng
RT: 12.921 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

Tgt Ion:202 Resp: 953662
Ion Ratio Lower Upper
202 100
200 19.7 15.7 23.5
203 17.8 14.2 21.2

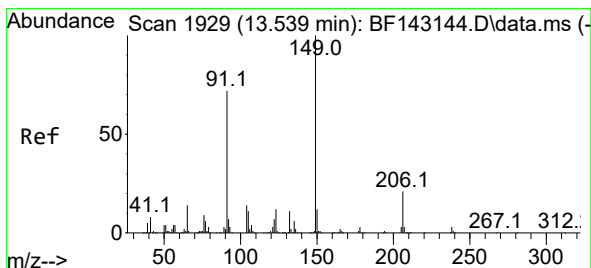
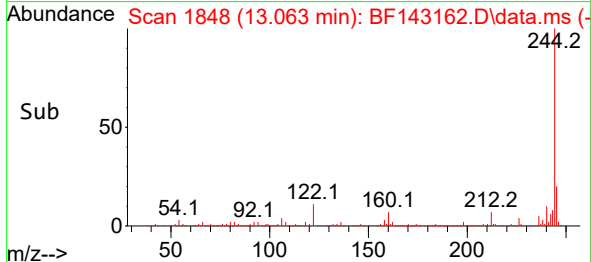
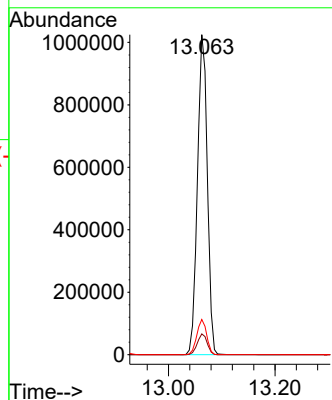
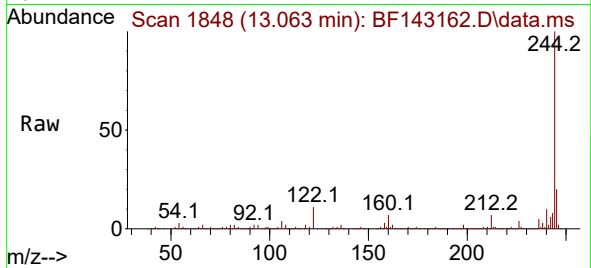




#79
 Terphenyl-d14
 Concen: 78.753 ng
 RT: 13.063 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF143162.D
 Acq: 18 Jul 2025 12:53

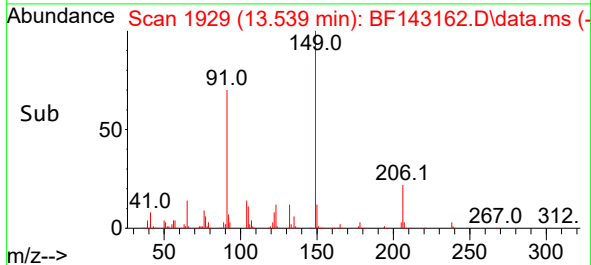
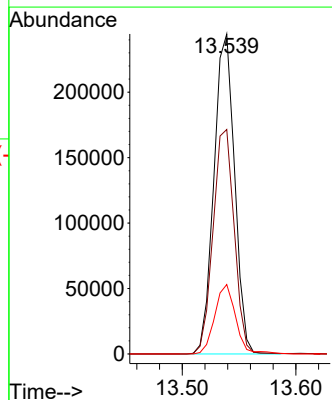
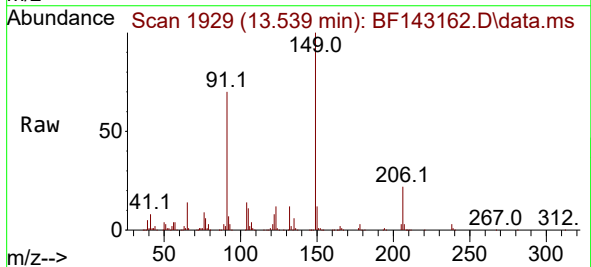
Instrument :
 BNA_F
 ClientSampleId :
 PB168904BS

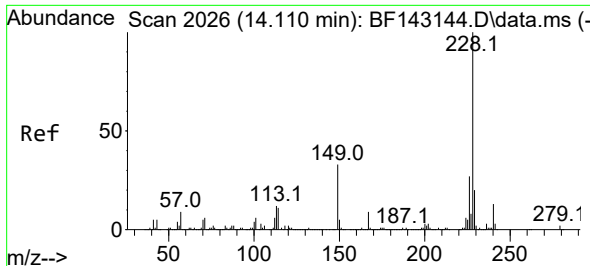
Tgt Ion:244 Resp: 1323160
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 11.0 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 47.318 ng
 RT: 13.539 min Scan# 1929
 Delta R.T. 0.000 min
 Lab File: BF143162.D
 Acq: 18 Jul 2025 12:53

Tgt Ion:149 Resp: 309177
 Ion Ratio Lower Upper
 149 100
 91 70.2 57.9 86.9
 206 21.7 17.0 25.4

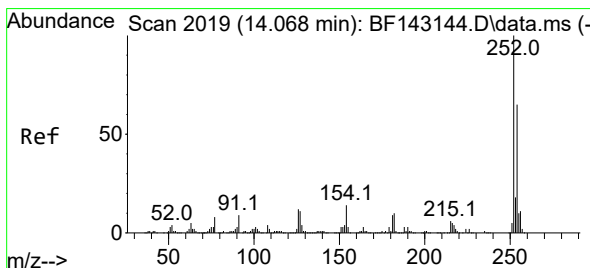
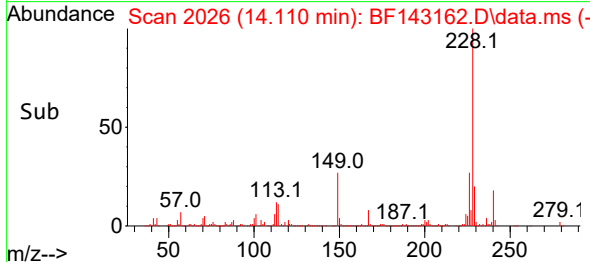
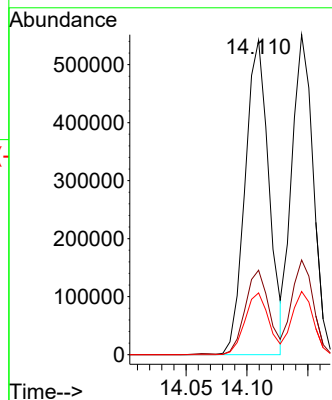
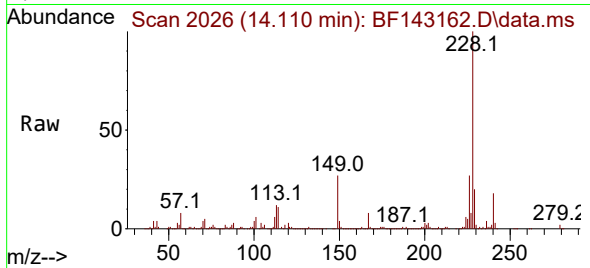




#81
Benzo(a)anthracene
Concen: 44.201 ng
RT: 14.110 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

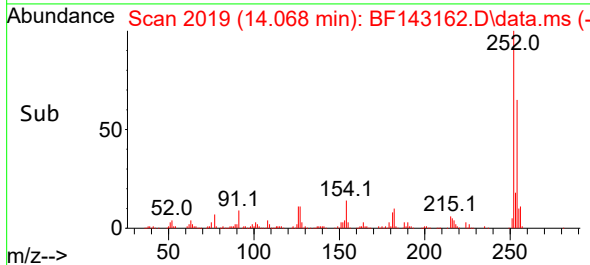
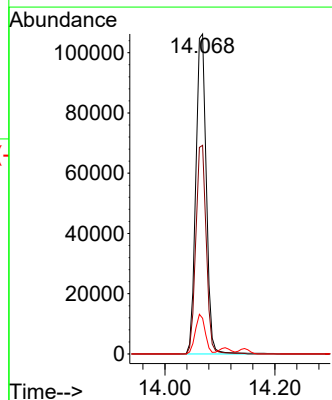
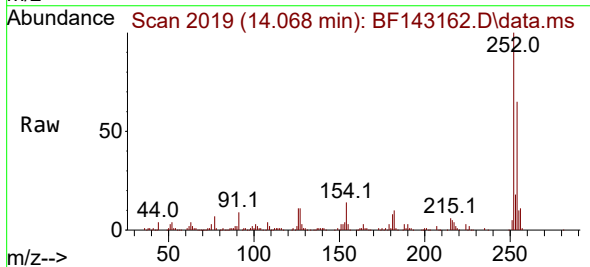
Instrument :
BNA_F
ClientSampleId :
PB168904BS

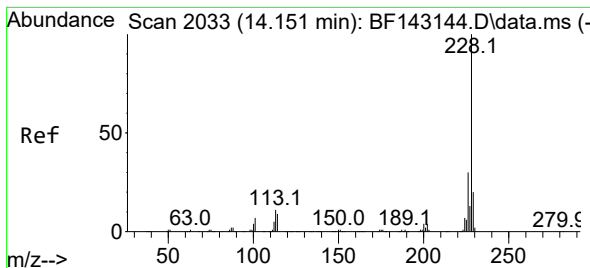
Tgt Ion:228 Resp: 739873
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 19.6 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 25.131 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

Tgt Ion:252 Resp: 140203
Ion Ratio Lower Upper
252 100
254 65.2 51.7 77.5
126 11.1 9.4 14.0





#83

Chrysene

Concen: 45.060 ng

RT: 14.145 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF143162.D

Acq: 18 Jul 2025 12:53

Instrument :

BNA_F

ClientSampleId :

PB168904BS

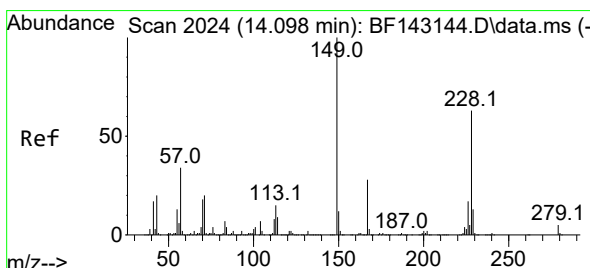
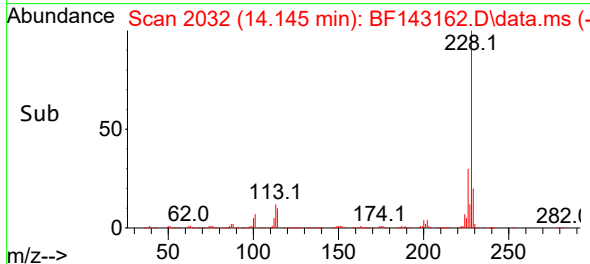
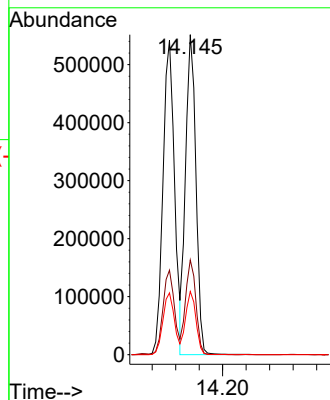
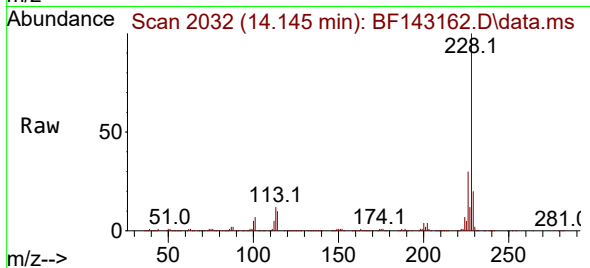
Tgt Ion:228 Resp: 678150

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.8

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.767 ng

RT: 14.098 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF143162.D

Acq: 18 Jul 2025 12:53

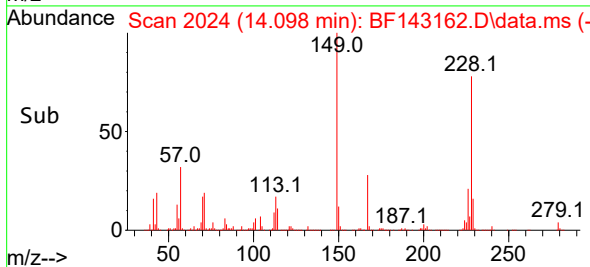
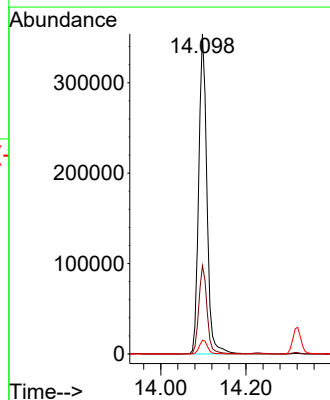
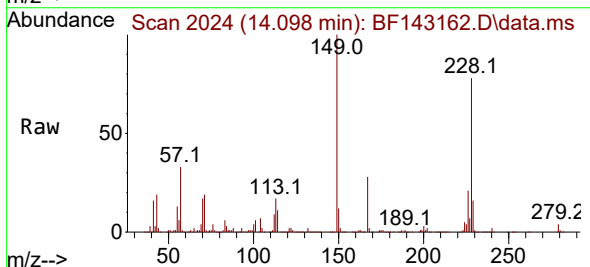
Tgt Ion:149 Resp: 472409

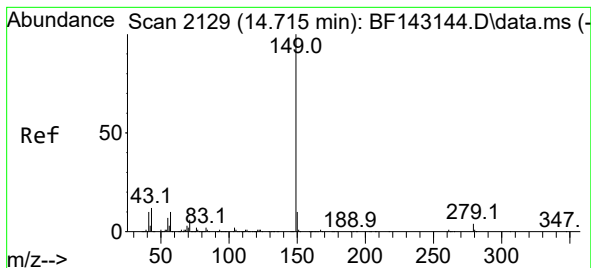
Ion Ratio Lower Upper

149 100

167 27.7 22.3 33.5

279 4.3 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 46.478 ng

RT: 14.710 min Scan# 2129

Delta R.T. -0.006 min

Lab File: BF143162.D

Acq: 18 Jul 2025 12:53

Instrument :

BNA_F

ClientSampleId :

PB168904BS

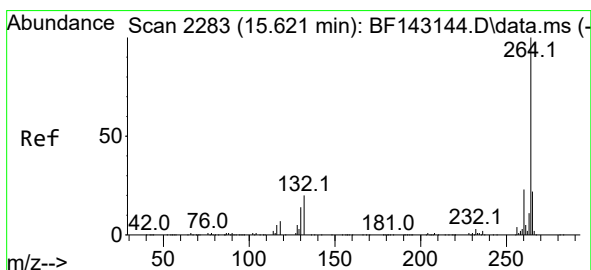
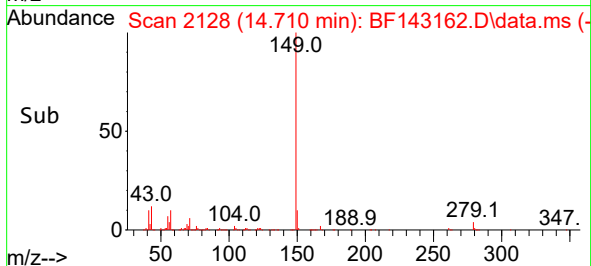
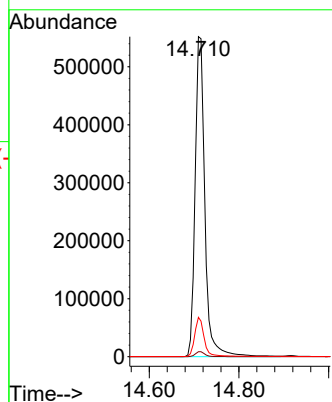
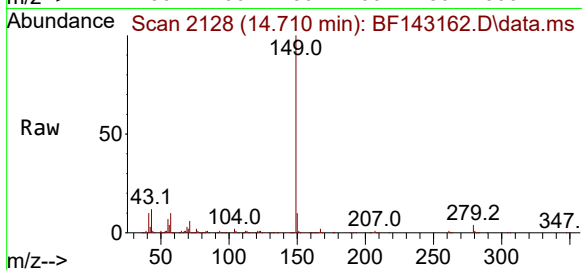
Tgt Ion:149 Resp: 833202

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 12.0 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.621 min Scan# 2283

Delta R.T. 0.000 min

Lab File: BF143162.D

Acq: 18 Jul 2025 12:53

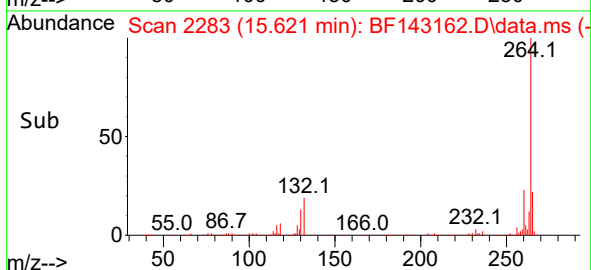
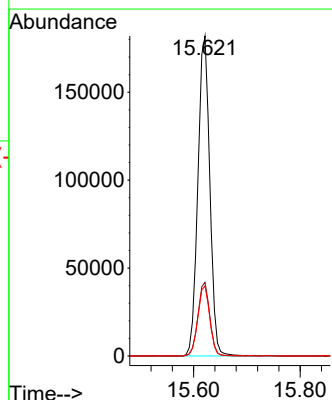
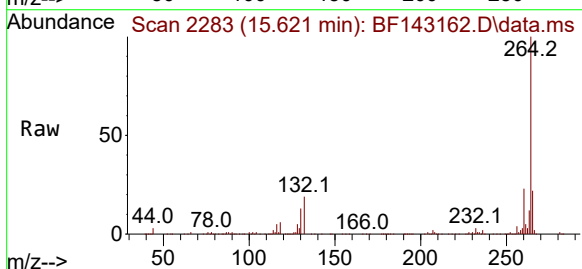
Tgt Ion:264 Resp: 283255

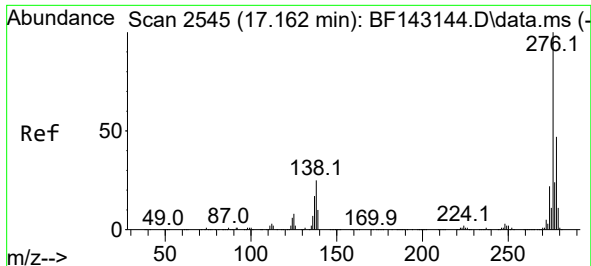
Ion Ratio Lower Upper

264 100

260 23.0 18.5 27.7

265 21.8 17.4 26.2

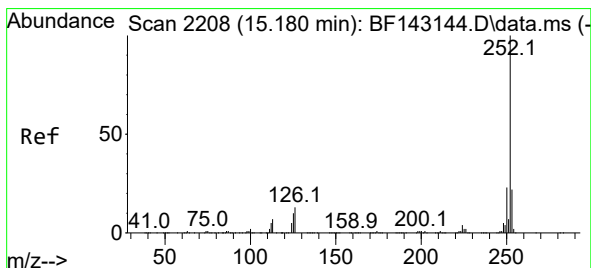
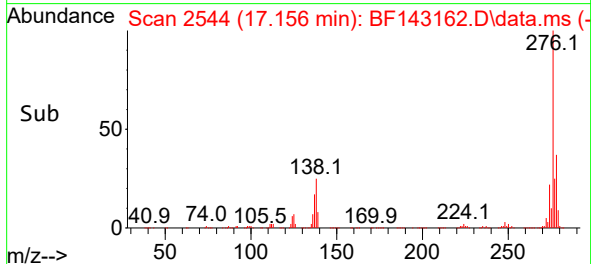
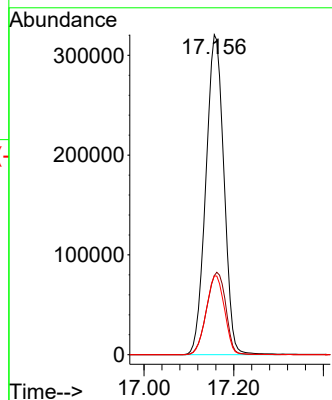
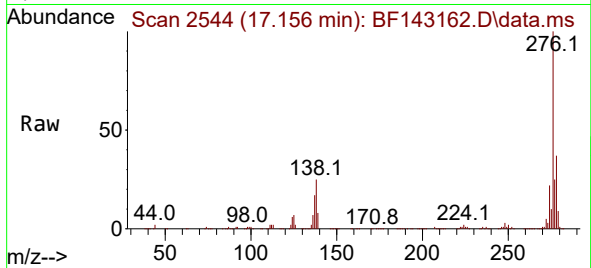




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.839 ng
 RT: 17.156 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF143162.D
 Acq: 18 Jul 2025 12:53

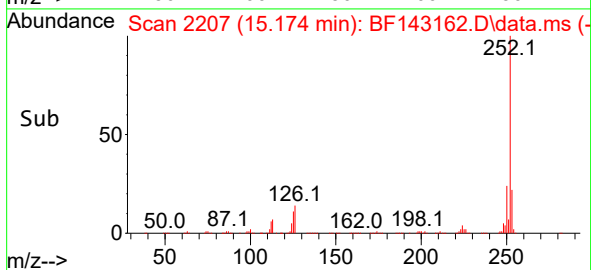
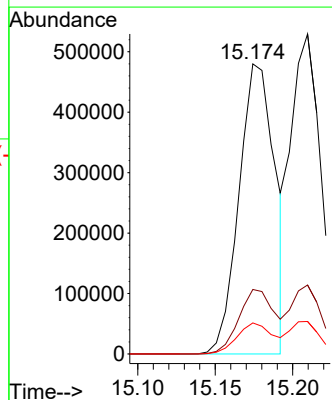
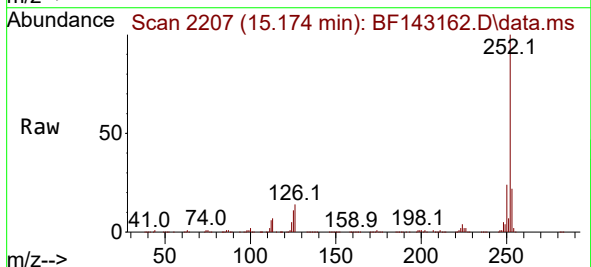
Instrument :
 BNA_F
 ClientSampleId :
 PB168904BS

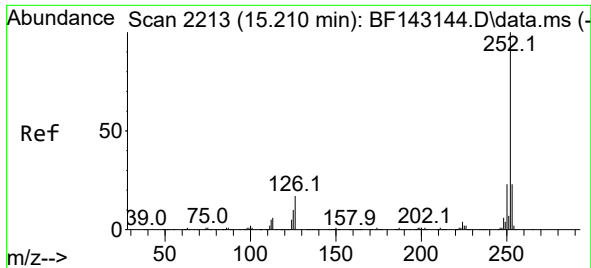
Tgt Ion:276 Resp: 895590
 Ion Ratio Lower Upper
 276 100
 138 27.3 21.8 32.6
 277 25.1 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 44.712 ng
 RT: 15.174 min Scan# 2207
 Delta R.T. -0.006 min
 Lab File: BF143162.D
 Acq: 18 Jul 2025 12:53

Tgt Ion:252 Resp: 773715
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.5 26.3
 125 10.7 8.0 12.0

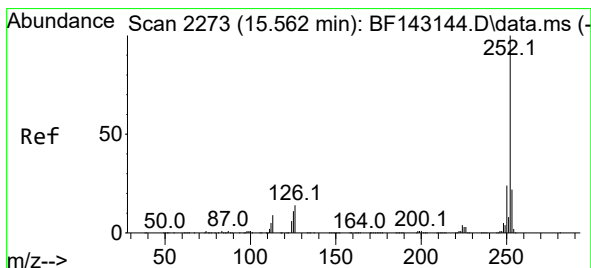
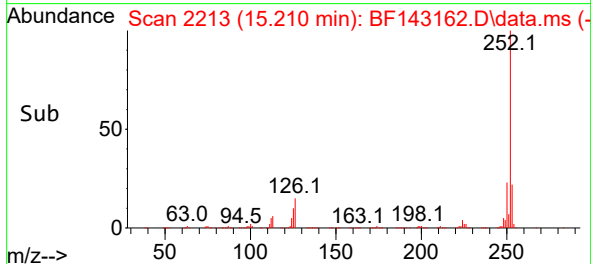
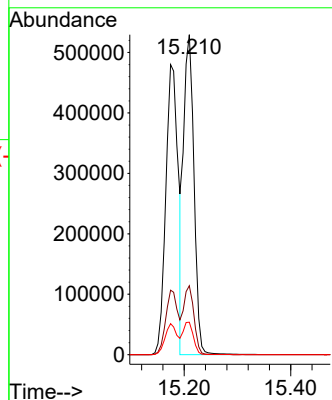
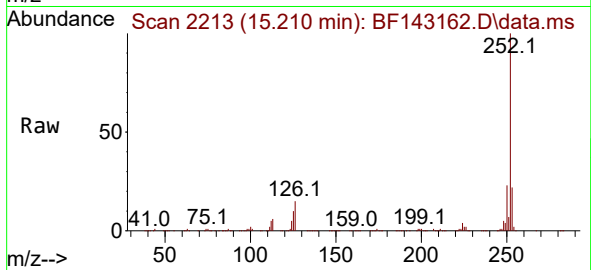




#89
Benzo(k)fluoranthene
Concen: 46.506 ng
RT: 15.210 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

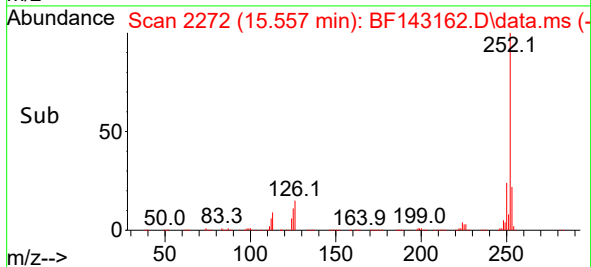
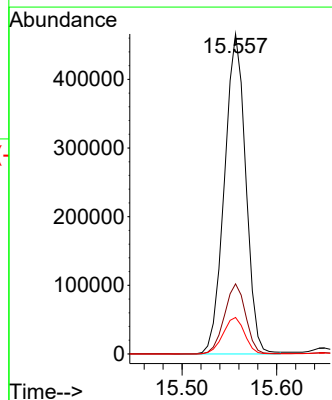
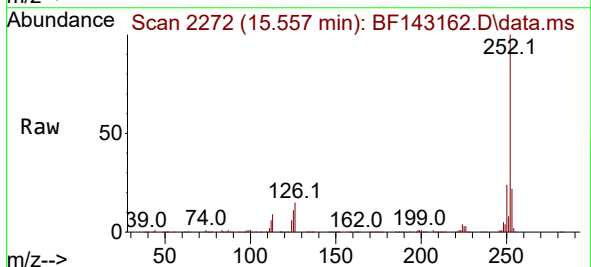
Instrument :
BNA_F
ClientSampleId :
PB168904BS

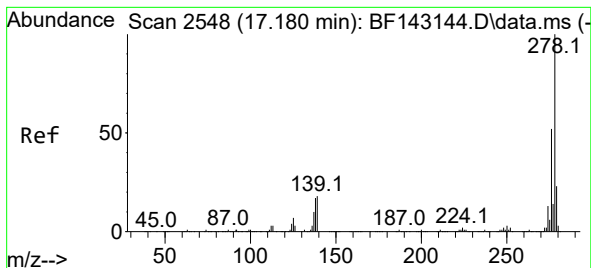
Tgt Ion:252 Resp: 718119
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 10.2 8.1 12.1



#90
Benzo(a)pyrene
Concen: 45.662 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF143162.D
Acq: 18 Jul 2025 12:53

Tgt Ion:252 Resp: 727999
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 11.4 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 44.980 ng

RT: 17.180 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143162.D

Acq: 18 Jul 2025 12:53

Instrument :

BNA_F

ClientSampleId :

PB168904BS

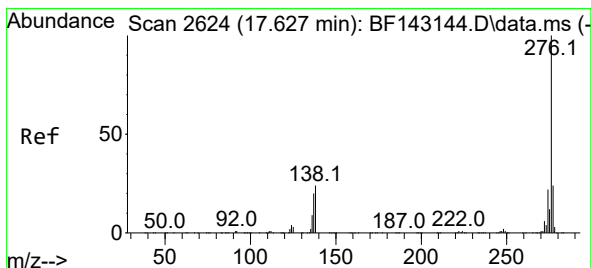
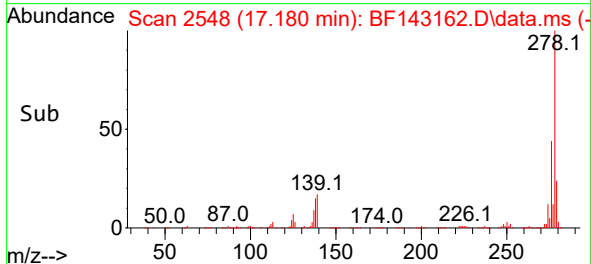
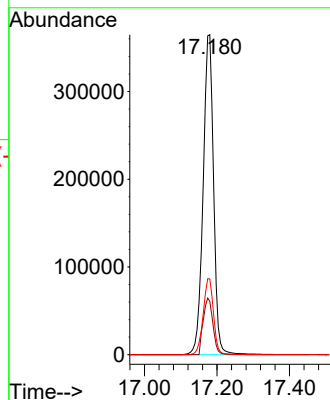
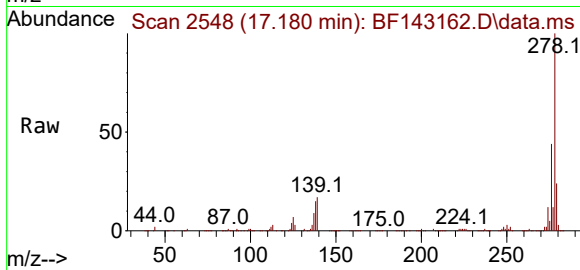
Tgt Ion:278 Resp: 731233

Ion Ratio Lower Upper

278 100

139 16.7 14.1 21.1

279 23.7 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 44.855 ng

RT: 17.621 min Scan# 2623

Delta R.T. -0.006 min

Lab File: BF143162.D

Acq: 18 Jul 2025 12:53

Tgt Ion:276 Resp: 705378

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 24.0 18.9 28.3

