

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071125\
 Data File : BF143076.D
 Acq On : 11 Jul 2025 14:48
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Jul 11 17:41:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 11 17:21:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	135384	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	519511	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	248627	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	340859	20.000	ng	0.00
76) Chrysene-d12	14.127	240	198372	20.000	ng	0.00
86) Perylene-d12	15.633	264	263801	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	801334	94.032	ng	0.00
7) Phenol-d6	6.587	99	1019876	94.585	ng	0.00
23) Nitrobenzene-d5	7.528	82	776326	106.785	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	194066	105.458	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1488391	94.094	ng	0.00
79) Terphenyl-d14	13.075	244	997981	86.914	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.799	88	191862	47.902	ng	98
3) Pyridine	3.569	79	474341	48.278	ng	100
4) n-Nitrosodimethylamine	3.516	42	265363	48.679	ng	98
6) Aniline	6.628	93	513352	47.801	ng	100
8) 2-Chlorophenol	6.757	128	413821	48.169	ng	96
9) Benzaldehyde	6.516	77	302952	46.945	ng	99
10) Phenol	6.604	94	525677m	47.008	ng	
11) bis(2-Chloroethyl)ether	6.698	93	414728	47.249	ng	99
12) 1,3-Dichlorobenzene	6.910	146	454915	46.968	ng	99
13) 1,4-Dichlorobenzene	6.987	146	455208	46.923	ng	99
14) 1,2-Dichlorobenzene	7.145	146	420835	46.604	ng	98
15) Benzyl Alcohol	7.104	79	388247	48.189	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.240	45	743514	46.490	ng	100
17) 2-Methylphenol	7.210	107	339619	47.838	ng	98
18) Hexachloroethane	7.487	117	155302	49.755	ng	99
19) n-Nitroso-di-n-propyla...	7.375	70	307744	46.375	ng	99
20) 3+4-Methylphenols	7.363	107	419797	47.871	ng	94
22) Acetophenone	7.375	105	564163	46.488	ng	96
24) Nitrobenzene	7.545	77	418784	55.264	ng	99
25) Isophorone	7.787	82	744968	47.198	ng	99
26) 2-Nitrophenol	7.863	139	149286	50.279	ng	99
27) 2,4-Dimethylphenol	7.893	122	278853	48.740	ng	98
28) bis(2-Chloroethoxy)met...	7.992	93	484452	46.667	ng	100
29) 2,4-Dichlorophenol	8.098	162	336143	49.969	ng	99
30) 1,2,4-Trichlorobenzene	8.192	180	364556	47.243	ng	100
31) Naphthalene	8.275	128	1201613	46.800	ng	100
32) Benzoic acid	7.998	122	173301m	49.868	ng	
33) 4-Chloroaniline	8.310	127	410205	47.290	ng	99
34) Hexachlorobutadiene	8.392	225	217542	48.043	ng	99
35) Caprolactam	8.675	113	90990	48.244	ng	98
36) 4-Chloro-3-methylphenol	8.787	107	352178	48.681	ng	99
37) 2-Methylnaphthalene	8.963	142	778849	46.416	ng	100
38) 1-Methylnaphthalene	9.063	142	745213	46.148	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	354442	48.671	ng	99
41) Hexachlorocyclopentadiene	9.122	237	98913	54.444	ng	100
43) 2,4,6-Trichlorophenol	9.234	196	216219	53.128	ng	99

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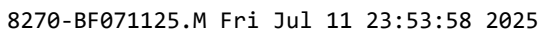
Instrument :
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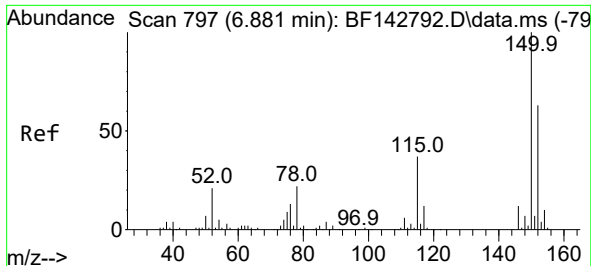
Quant Time: Jul 11 17:41:03 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 11 17:21:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	224042	52.810	ng	99
46) 1,1'-Biphenyl	9.428	154	934827	47.883	ng	99
47) 2-Chloronaphthalene	9.451	162	681365	48.190	ng	100
48) 2-Nitroaniline	9.534	65	167798	48.379	ng	98
49) Acenaphthylene	9.869	152	984892	47.447	ng	100
50) Dimethylphthalate	9.722	163	736402	47.662	ng	100
51) 2,6-Dinitrotoluene	9.775	165	131514	48.129	ng	98
52) Acenaphthene	10.039	154	664431	47.524	ng	99
53) 3-Nitroaniline	9.945	138	142428	48.382	ng	98
54) 2,4-Dinitrophenol	10.045	184	29413	48.059	ng	65
55) Dibenzofuran	10.210	168	971404	47.575	ng	99
56) 4-Nitrophenol	10.086	139	103891	48.207	ng	99
57) 2,4-Dinitrotoluene	10.181	165	140789	47.104	ng	99
58) Fluorene	10.551	166	685810	45.885	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	177944	52.056	ng	98
60) Diethylphthalate	10.422	149	669625	47.100	ng	100
61) 4-Chlorophenyl-phenyle...	10.545	204	344923	46.430	ng	100
62) 4-Nitroaniline	10.557	138	110631	46.571	ng	98
63) Azobenzene	10.704	77	759015	46.897	ng	99
65) 4,6-Dinitro-2-methylph...	10.586	198	49376	49.283	ng	98
66) n-Nitrosodiphenylamine	10.657	169	583121	49.786	ng	99
67) 4-Bromophenyl-phenylether	11.033	248	196232	49.531	ng	100
68) Hexachlorobenzene	11.104	284	195141	48.948	ng	98
69) Atrazine	11.181	200	122706	49.198	ng	99
70) Pentachlorophenol	11.292	266	120562	53.898	ng	98
71) Phenanthrene	11.516	178	883871	47.317	ng	100
72) Anthracene	11.569	178	874780	48.050	ng	100
73) Carbazole	11.716	167	709783	47.172	ng	100
74) Di-n-butylphthalate	12.051	149	760837	50.979	ng	100
75) Fluoranthene	12.704	202	748527	46.589	ng	100
77) Benzidine	12.816	184	307292	78.051	ng	100
78) Pyrene	12.933	202	746182	43.056	ng	100
80) Butylbenzylphthalate	13.545	149	164124	48.177	ng	99
81) Benzo(a)anthracene	14.116	228	620859	48.925	ng	99
82) 3,3'-Dichlorobenzidine	14.074	252	195200	55.829	ng	99
83) Chrysene	14.151	228	597899	50.243	ng	100
84) Bis(2-ethylhexyl)phtha...	14.110	149	289168	57.613	ng	100
85) Di-n-octyl phthalate	14.727	149	547806	50.320	ng	100
87) Indeno(1,2,3-cd)pyrene	17.174	276	885920	48.867	ng	100
88) Benzo(b)fluoranthene	15.186	252	770403	49.633	ng	100
89) Benzo(k)fluoranthene	15.221	252	651600	47.533	ng	99
90) Benzo(a)pyrene	15.568	252	661879	49.905	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	726523	49.078	ng	99
92) Benzo(g,h,i)perylene	17.639	276	758232	48.692	ng	100

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

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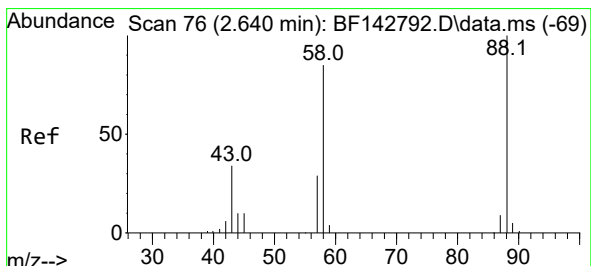
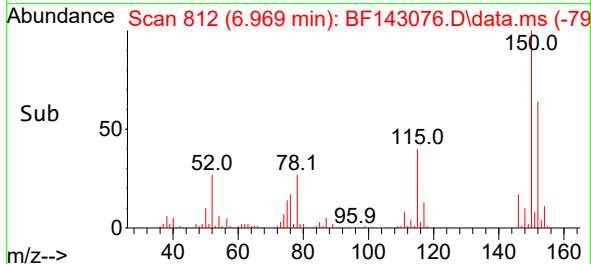
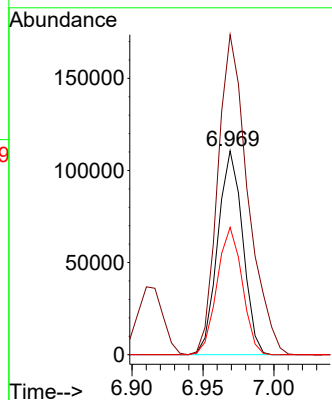
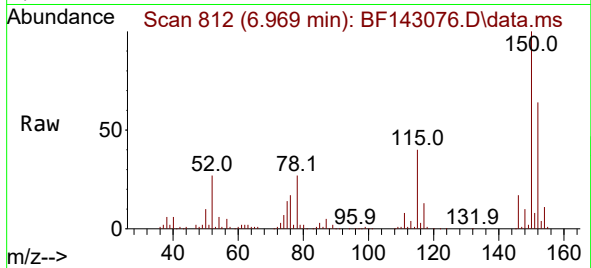




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

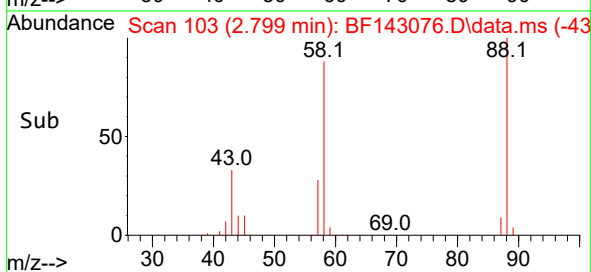
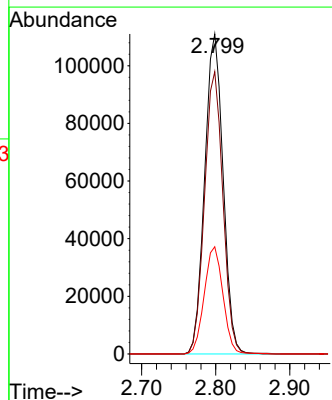
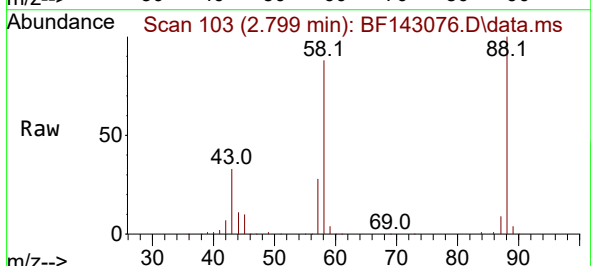
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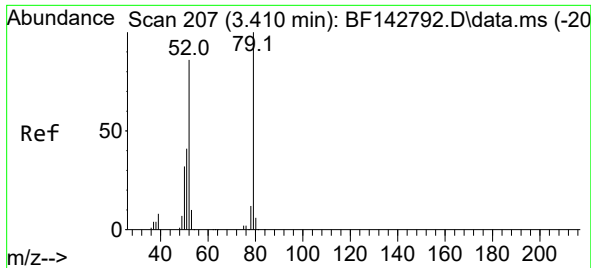
Tgt Ion:152 Resp: 135384
Ion Ratio Lower Upper
152 100
150 156.9 126.6 190.0
115 62.5 49.8 74.6



#2
1,4-Dioxane
Concen: 47.902 ng
RT: 2.799 min Scan# 103
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Tgt Ion: 88 Resp: 191862
Ion Ratio Lower Upper
88 100
58 87.8 71.5 107.3
43 34.1 26.4 39.6





#3

Pyridine

Concen: 48.278 ng

RT: 3.569 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143076.D

Acq: 11 Jul 2025 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

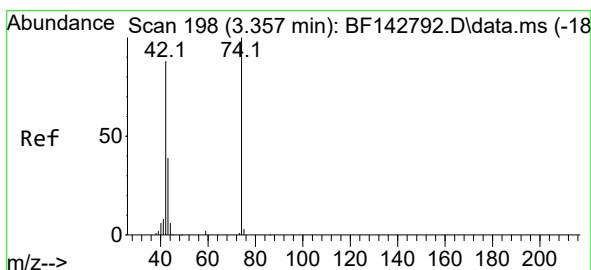
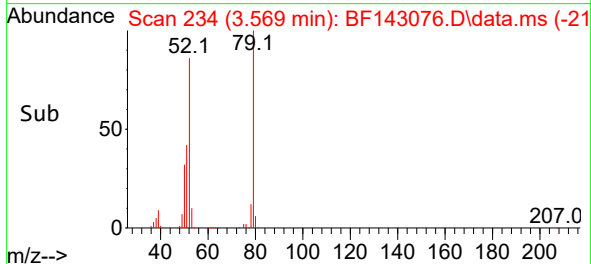
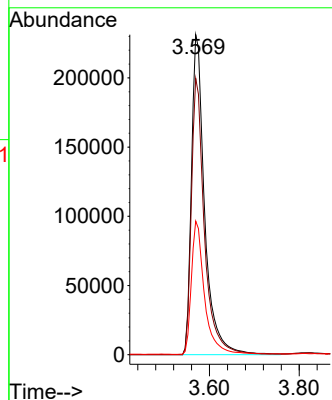
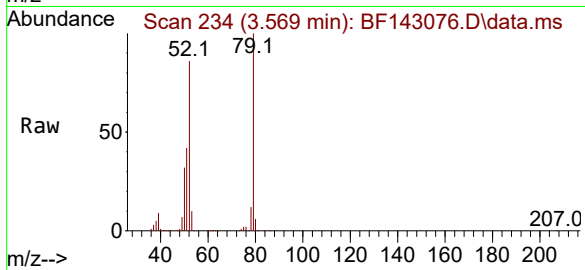
Tgt Ion: 79 Resp: 474341

Ion Ratio Lower Upper

79 100

52 86.3 69.3 103.9

51 41.8 33.4 50.0



#4

n-Nitrosodimethylamine

Concen: 48.679 ng

RT: 3.516 min Scan# 225

Delta R.T. 0.000 min

Lab File: BF143076.D

Acq: 11 Jul 2025 14:48

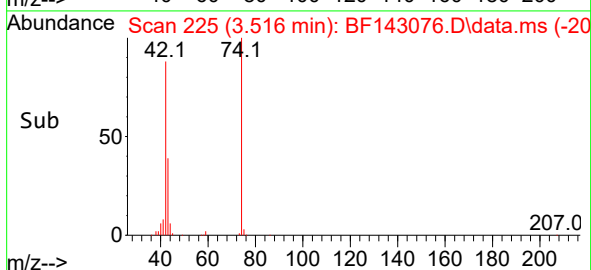
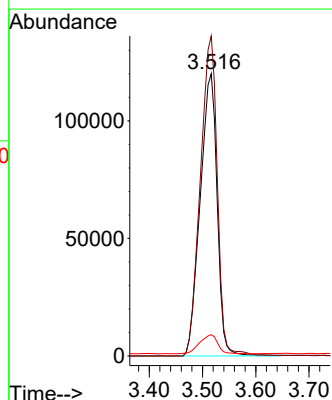
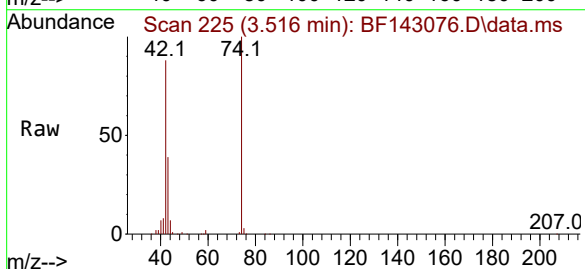
Tgt Ion: 42 Resp: 265363

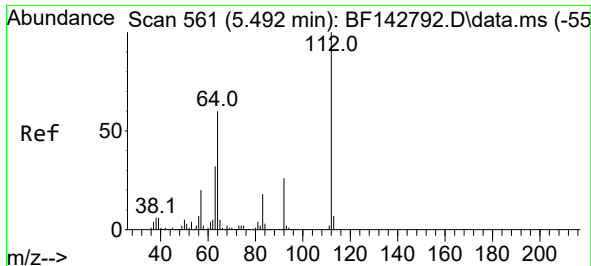
Ion Ratio Lower Upper

42 100

74 113.4 92.2 138.2

44 7.5 6.3 9.5

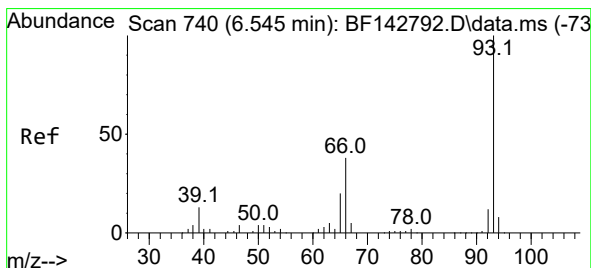
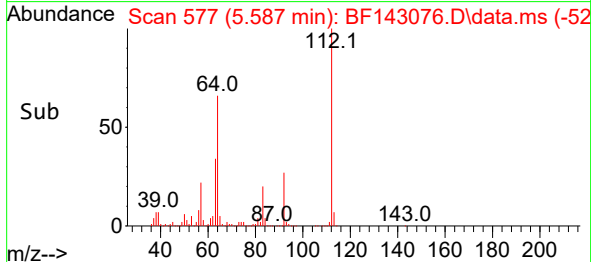
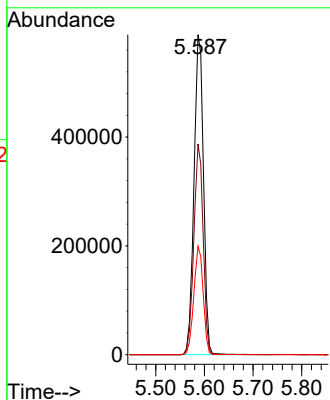
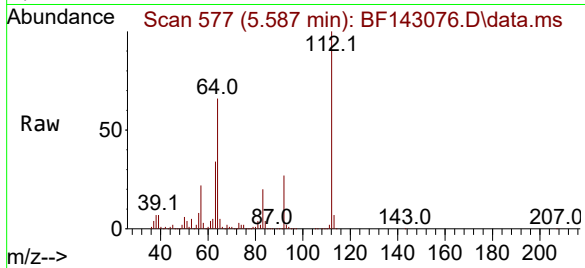




#5
2-Fluorophenol
Concen: 94.032 ng
RT: 5.587 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

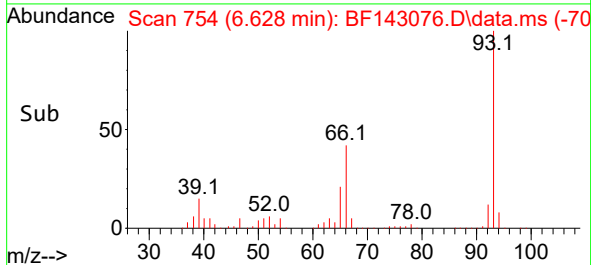
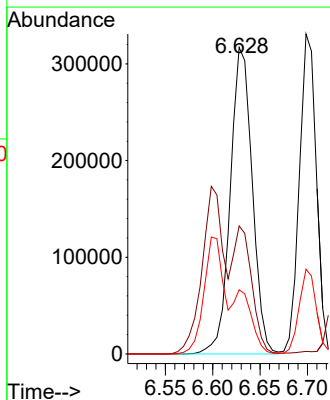
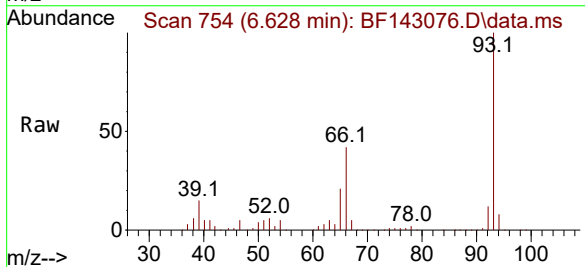
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

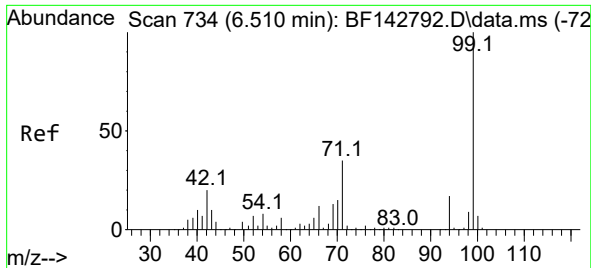
Tgt Ion:112 Resp: 801334
Ion Ratio Lower Upper
112 100
64 65.9 52.2 78.4
63 33.9 26.8 40.2



#6
Aniline
Concen: 47.801 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Tgt Ion: 93 Resp: 513352
Ion Ratio Lower Upper
93 100
66 41.7 33.0 49.6
65 21.0 16.8 25.2





#7

Phenol-d6

Concen: 94.585 ng

RT: 6.587 min Scan# 747

Delta R.T. 0.000 min

Lab File: BF143076.D

Acq: 11 Jul 2025 14:48

Instrument :

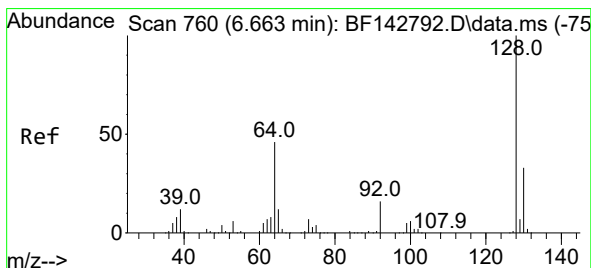
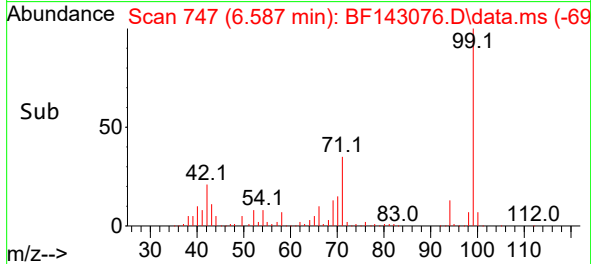
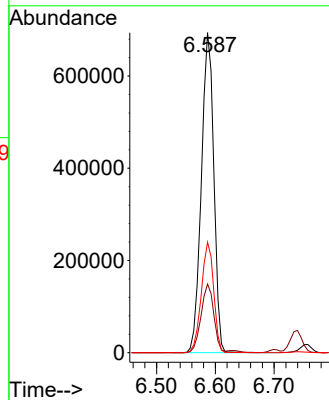
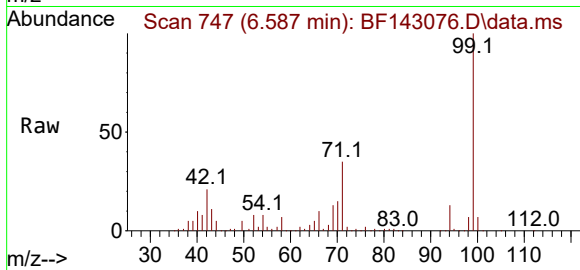
BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 99 Resp: 1019876

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.2	25.8
71	34.5	27.7	41.5



#8

2-Chlorophenol

Concen: 48.169 ng

RT: 6.757 min Scan# 776

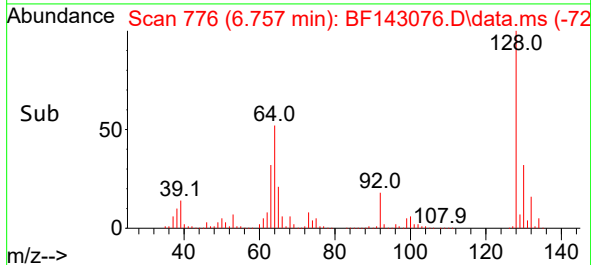
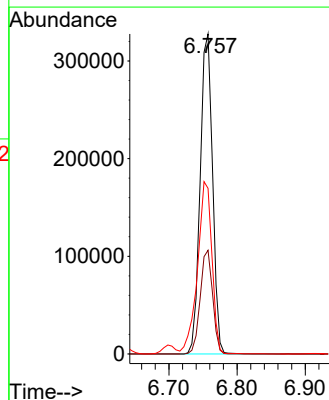
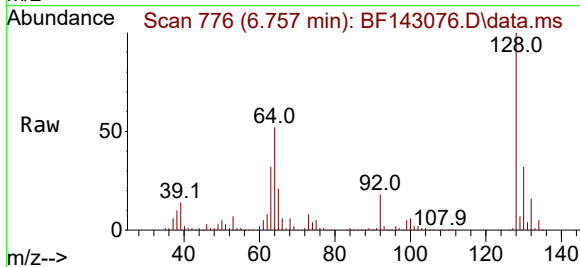
Delta R.T. 0.006 min

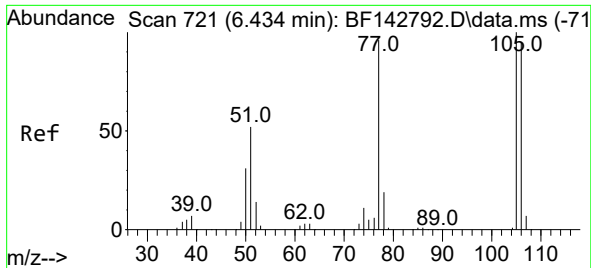
Lab File: BF143076.D

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Tgt Ion:128 Resp: 413821

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.2	52.2
64	51.8	36.5	76.5

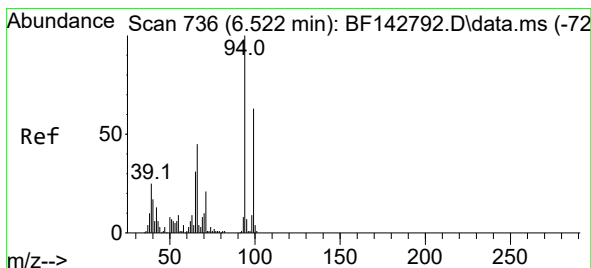
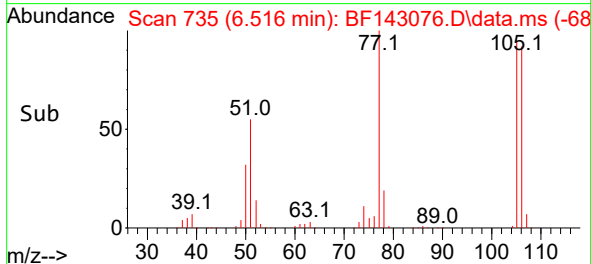
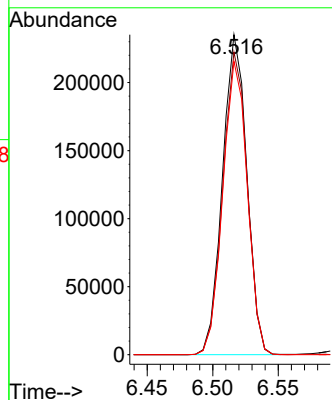
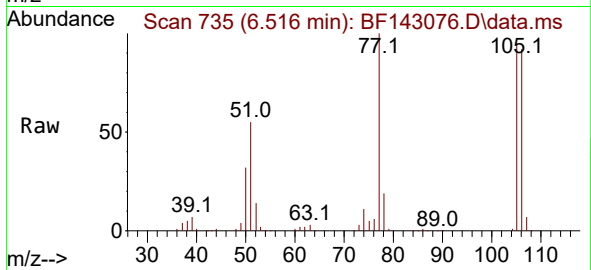




#9
Benzaldehyde
Concen: 46.945 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

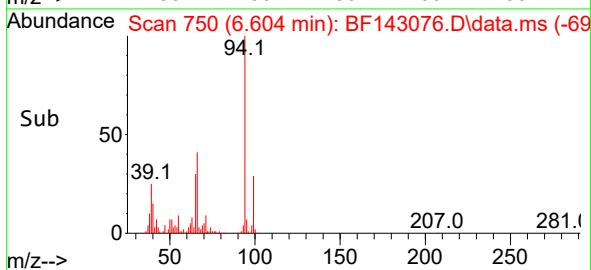
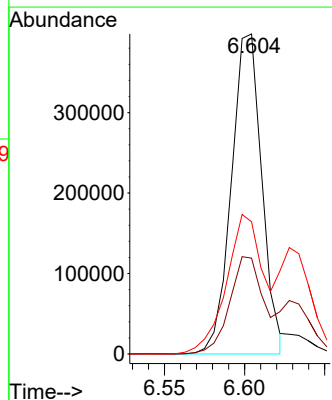
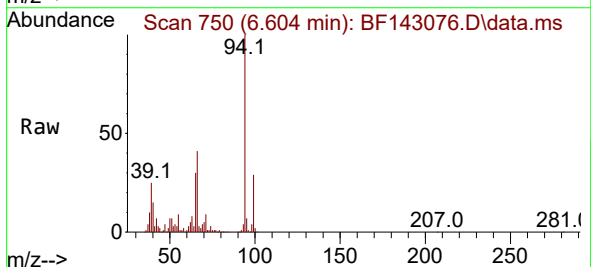
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

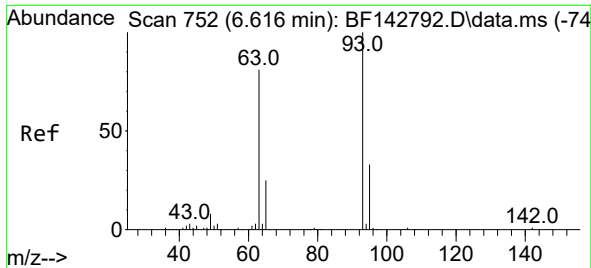
Tgt Ion: 77 Resp: 302952
Ion Ratio Lower Upper
77 100
105 94.5 75.1 115.1
106 91.6 73.0 113.0



#10
Phenol
Concen: 47.008 ng m
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Tgt Ion: 94 Resp: 525677
Ion Ratio Lower Upper
94 100
65 29.9 10.6 50.6
66 41.3 21.9 61.9

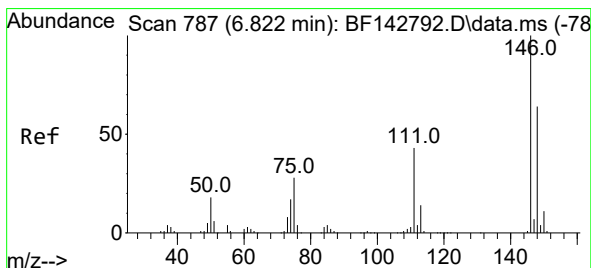
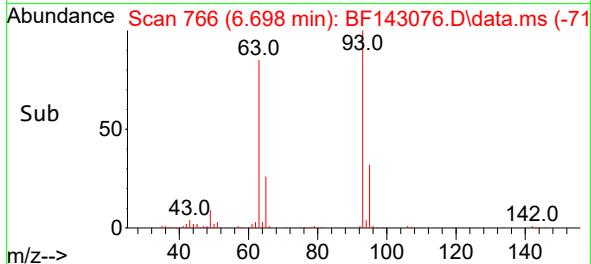
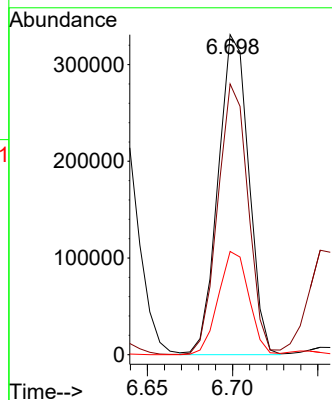
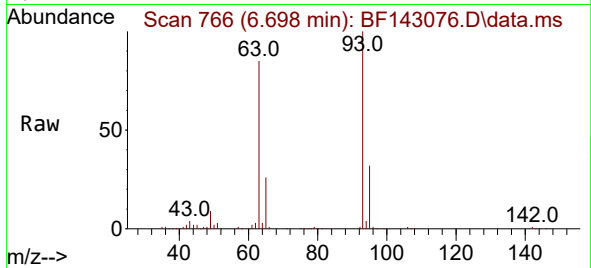




#11
bis(2-Chloroethyl)ether
Concen: 47.249 ng
RT: 6.698 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

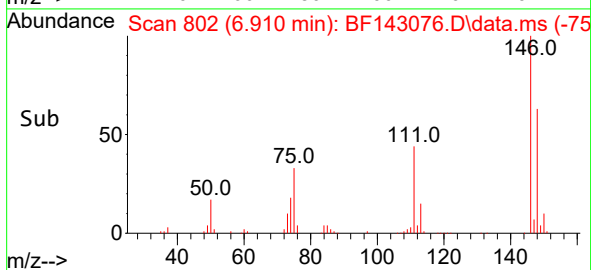
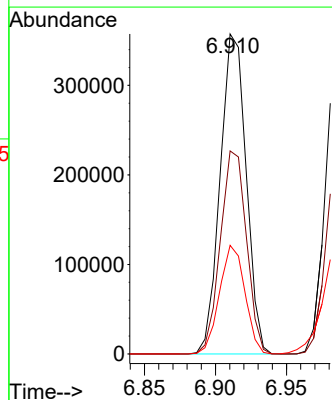
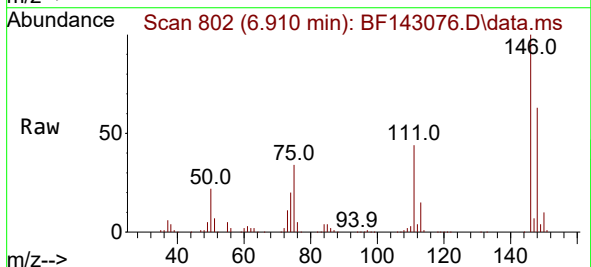
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

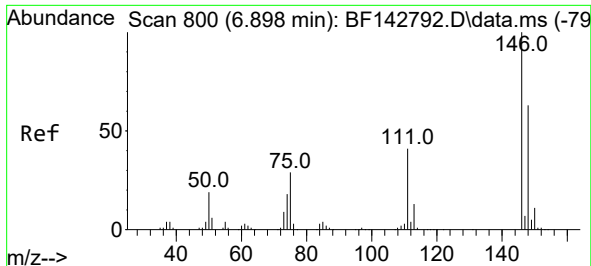
Tgt Ion: 93 Resp: 414728
Ion Ratio Lower Upper
93 100
63 84.6 63.3 103.3
95 32.2 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 46.968 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Tgt Ion:146 Resp: 454915
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.0
75 33.9 27.4 41.2

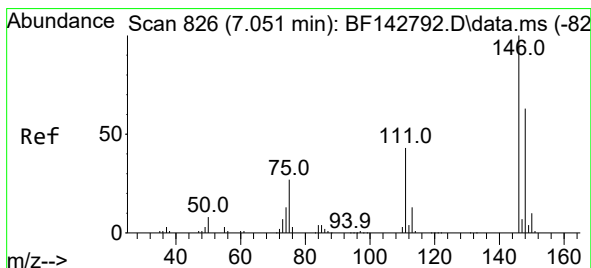
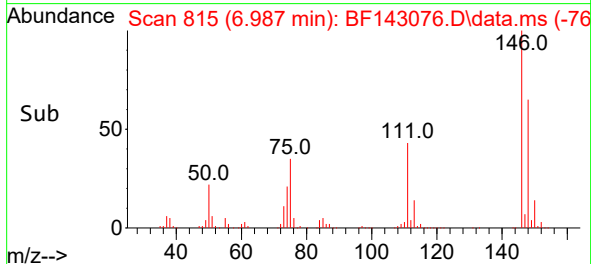
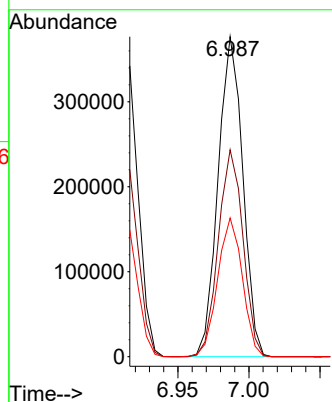
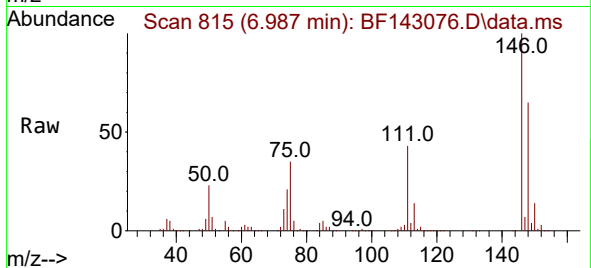




#13
1,4-Dichlorobenzene
Concen: 46.923 ng
RT: 6.987 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

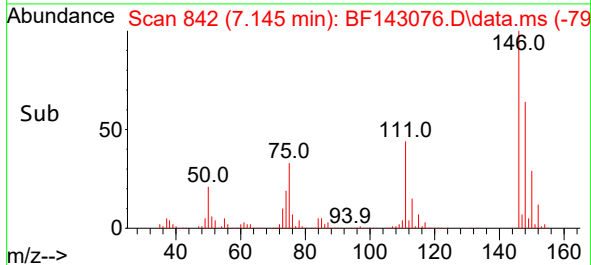
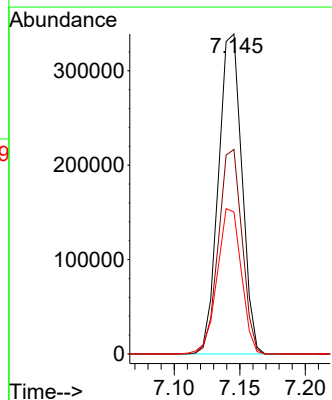
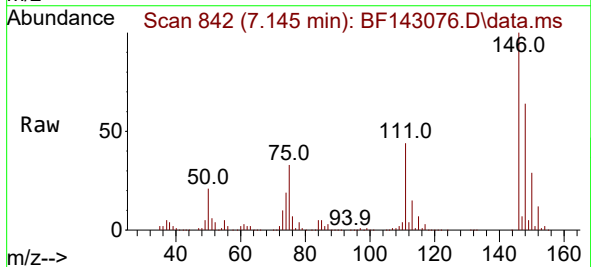
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

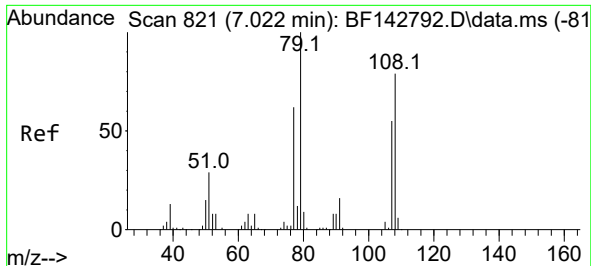
Tgt Ion:146 Resp: 455208
Ion Ratio Lower Upper
146 100
148 64.7 51.3 76.9
111 43.4 35.0 52.6



#14
1,2-Dichlorobenzene
Concen: 46.604 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.006 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Tgt Ion:146 Resp: 420835
Ion Ratio Lower Upper
146 100
148 63.9 51.5 77.3
111 44.4 37.0 55.4

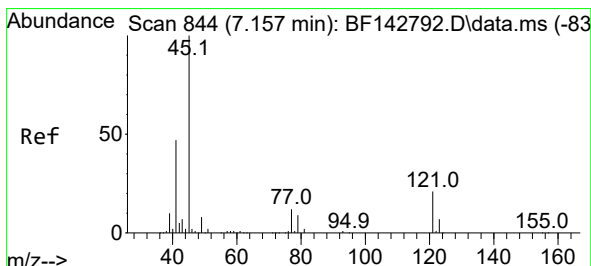
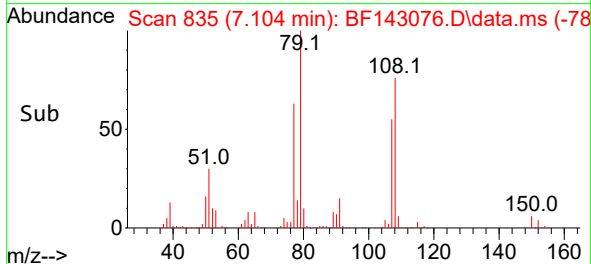
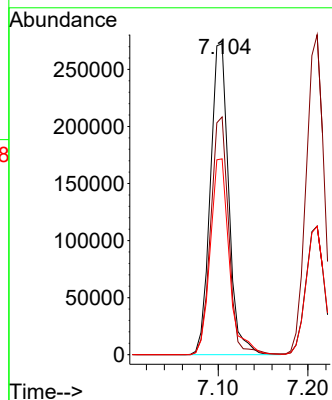
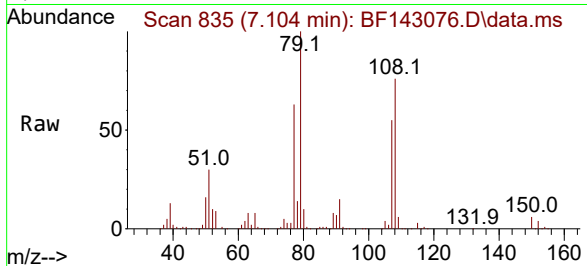




#15
Benzyl Alcohol
Concen: 48.189 ng
RT: 7.104 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

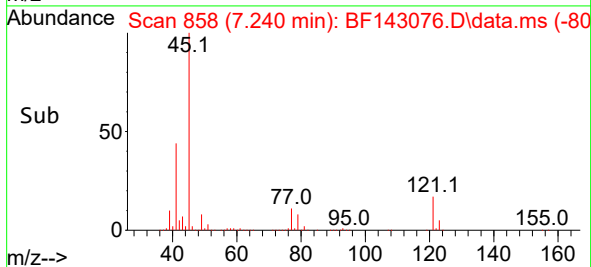
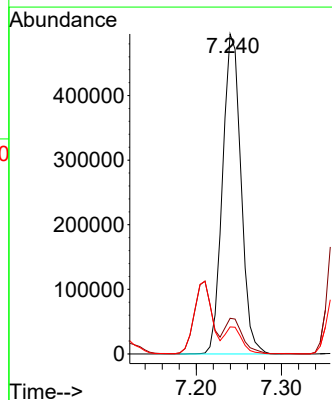
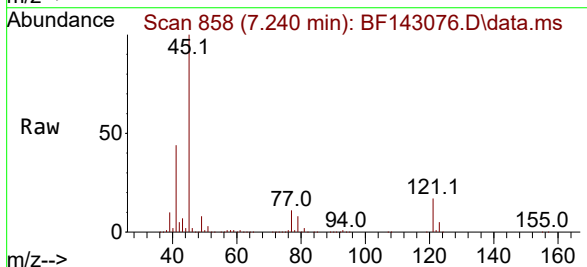
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

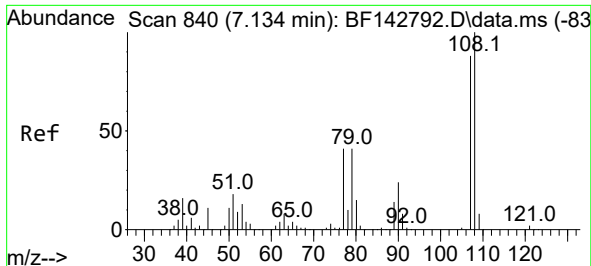
Tgt Ion: 79 Resp: 388247
Ion Ratio Lower Upper
79 100
108 76.4 60.2 90.2
77 62.9 49.7 74.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.490 ng
RT: 7.240 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Tgt Ion: 45 Resp: 743514
Ion Ratio Lower Upper
45 100
77 11.1 0.0 31.3
79 8.4 0.0 28.3

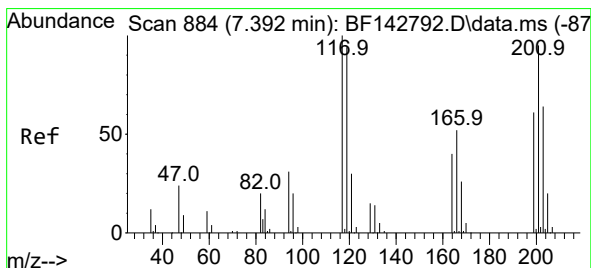
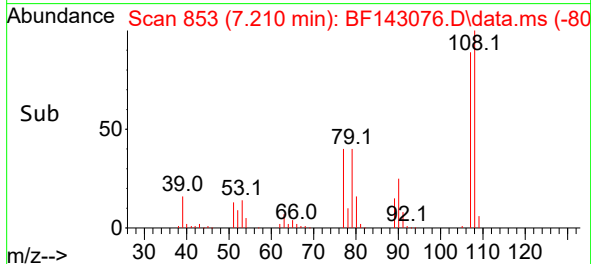
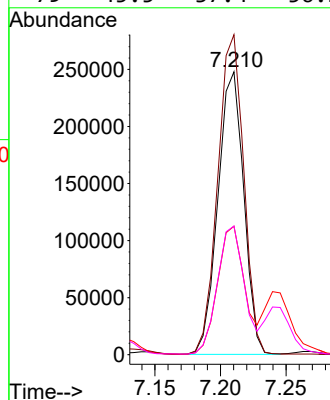
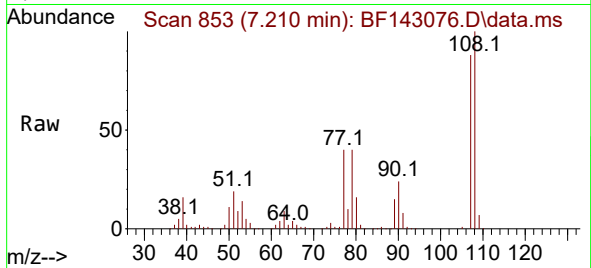




#17
2-Methylphenol
Concen: 47.838 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

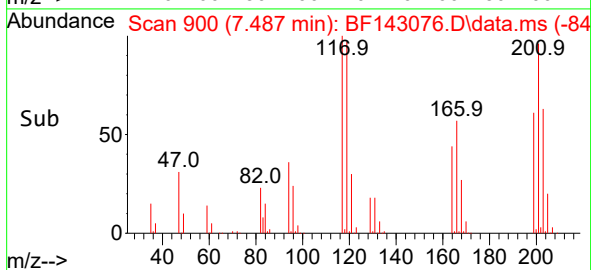
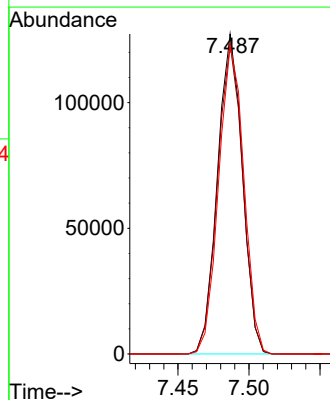
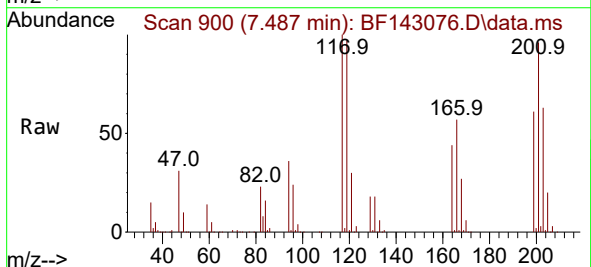
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

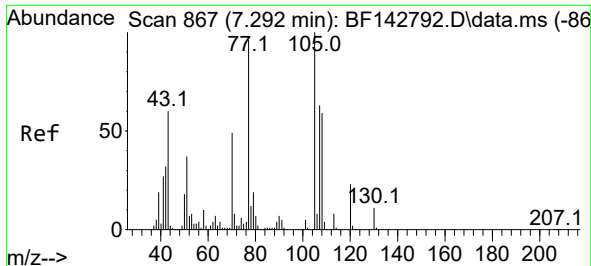
Tgt Ion:107 Resp: 339619
Ion Ratio Lower Upper
107 100
108 113.1 92.5 138.7
77 45.4 37.6 56.4
79 45.5 37.4 56.2



#18
Hexachloroethane
Concen: 49.755 ng
RT: 7.487 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Tgt Ion:117 Resp: 155302
Ion Ratio Lower Upper
117 100
119 96.9 76.0 114.0
201 96.4 77.4 116.2





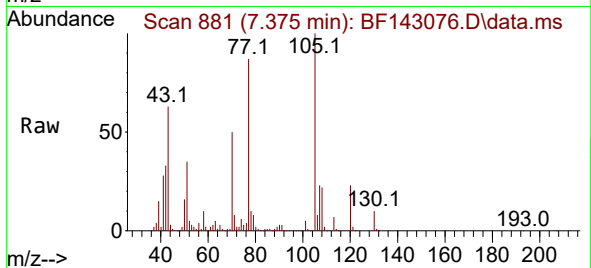
#19
n-Nitroso-di-n-propylamine
Concen: 46.375 ng
RT: 7.375 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Instrument :

BNA_F

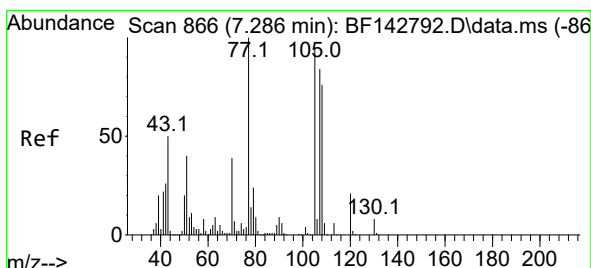
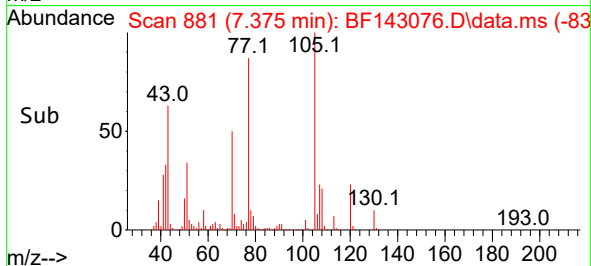
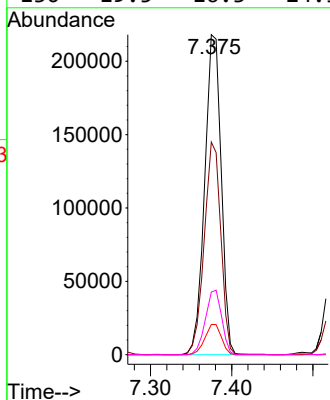
ClientSampleId :

SSTDICC050



Tgt Ion: 70 Resp: 307744

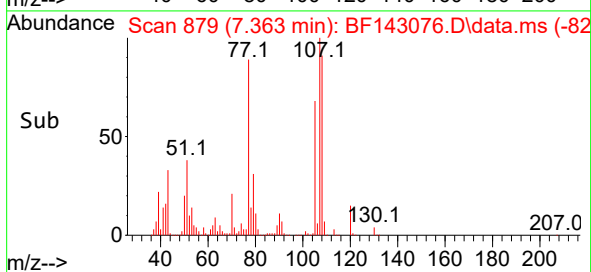
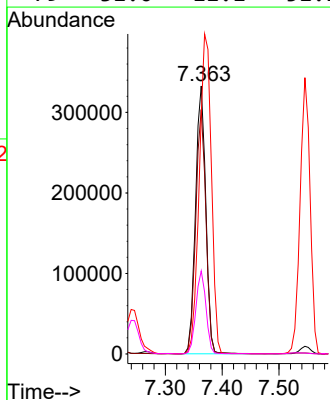
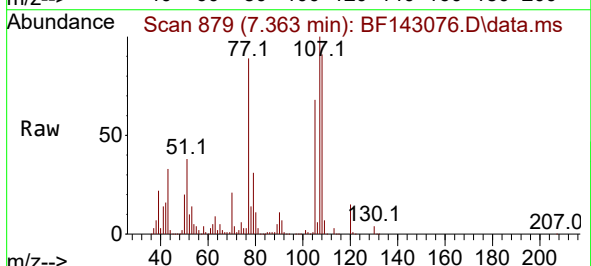
Ion	Ratio	Lower	Upper
70	100		
42	66.5	53.8	80.6
101	9.4	7.6	11.4
130	19.5	16.3	24.5

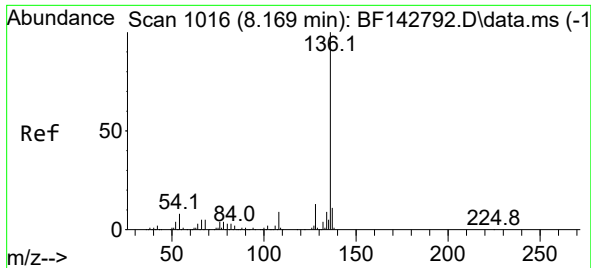


#20
3+4-Methylphenols
Concen: 47.871 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Tgt Ion: 107 Resp: 419797

Ion	Ratio	Lower	Upper
107	100		
108	91.2	71.9	111.9
77	89.2	82.6	122.6
79	31.0	11.1	51.1

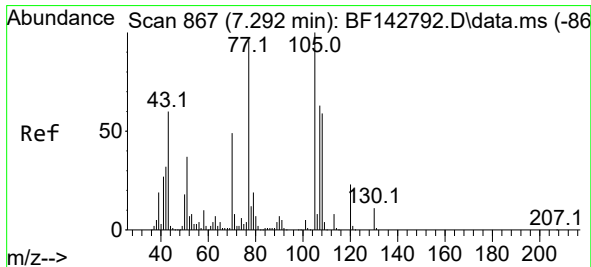
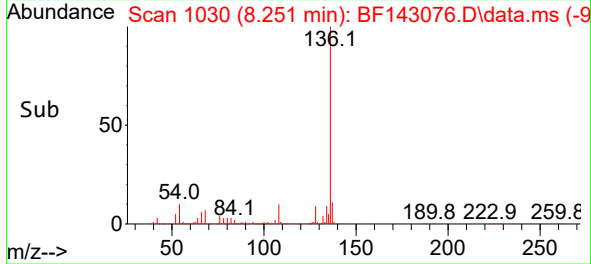
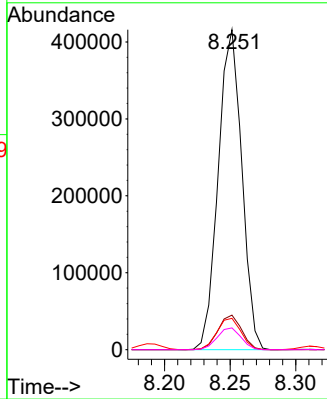
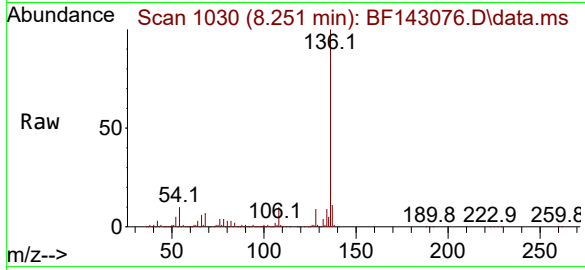




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

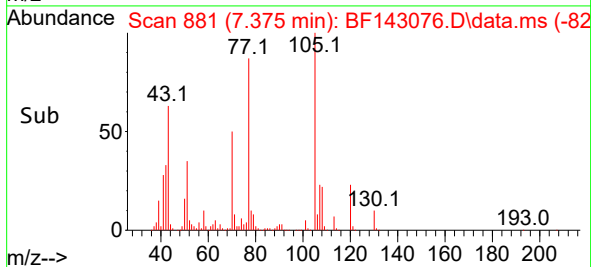
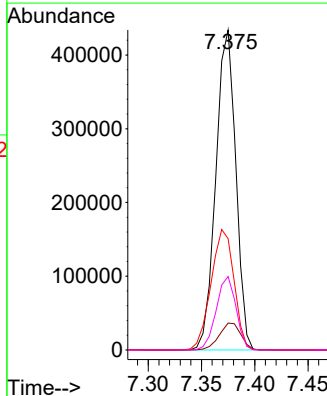
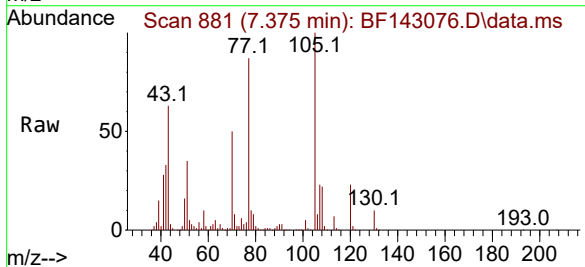
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

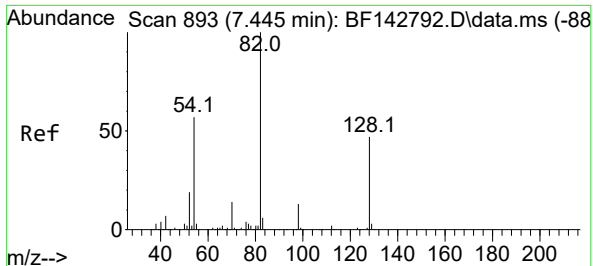
Tgt Ion:136 Resp: 519511
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 9.8 8.1 12.1
68 6.8 5.3 7.9



#22
Acetophenone
Concen: 46.488 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Tgt Ion:105 Resp: 564163
Ion Ratio Lower Upper
105 100
71 8.4 5.9 8.9
51 34.7 31.3 46.9
120 22.9 18.4 27.6





#23

Nitrobenzene-d5

Concen: 106.785 ng

RT: 7.528 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF143076.D

Acq: 11 Jul 2025 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

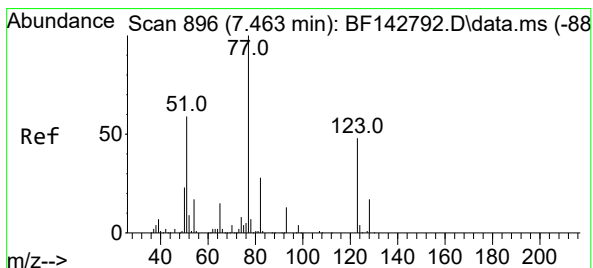
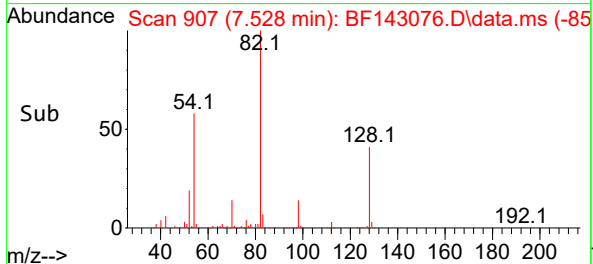
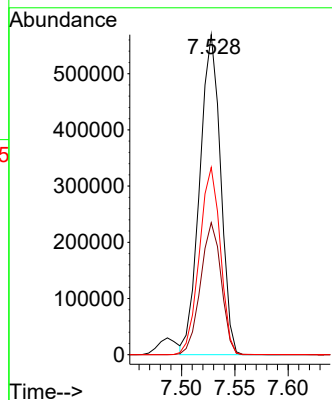
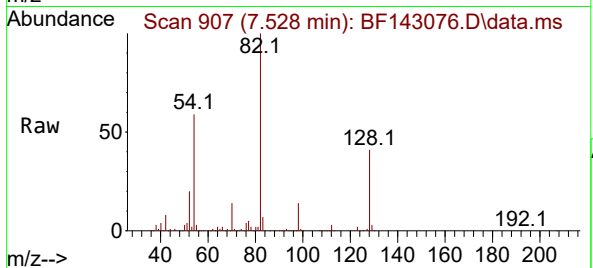
Tgt Ion: 82 Resp: 776326

Ion Ratio Lower Upper

82 100

128 41.3 33.3 49.9

54 58.5 47.0 70.4



#24

Nitrobenzene

Concen: 55.264 ng

RT: 7.545 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF143076.D

Acq: 11 Jul 2025 14:48

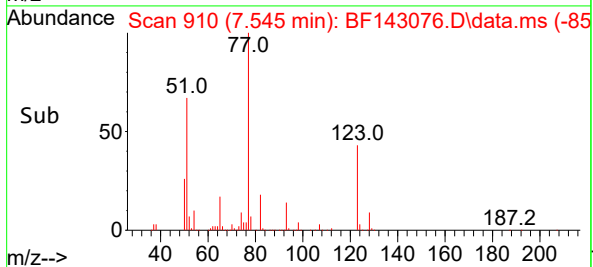
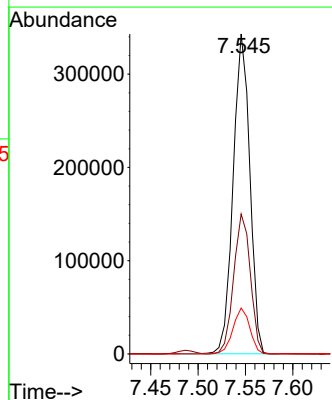
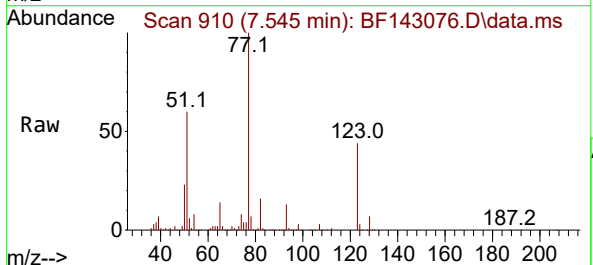
Tgt Ion: 77 Resp: 418784

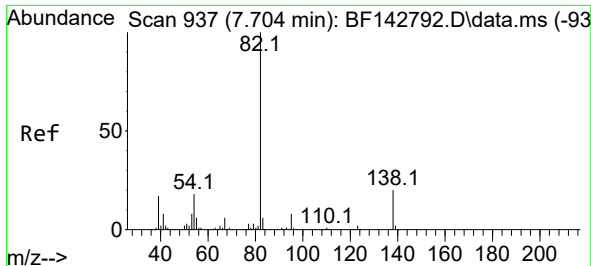
Ion Ratio Lower Upper

77 100

123 43.8 34.2 51.4

65 14.3 11.3 16.9

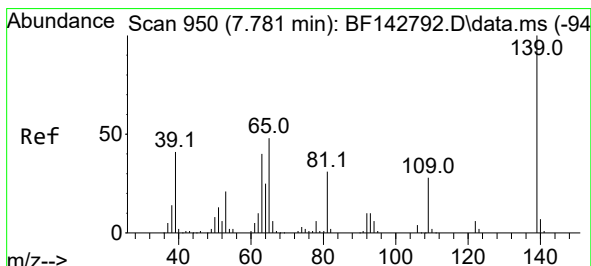
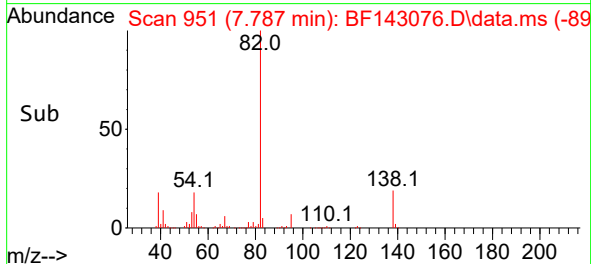
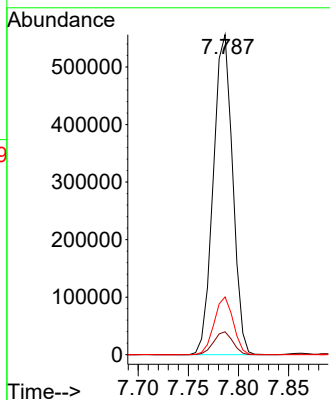
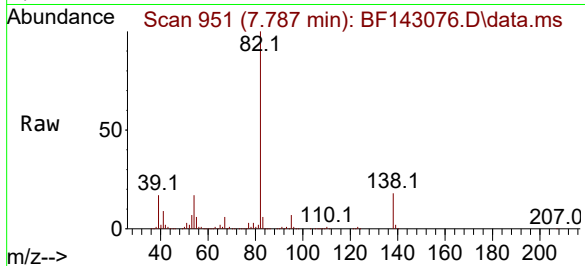




#25
Isophorone
Concen: 47.198 ng
RT: 7.787 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

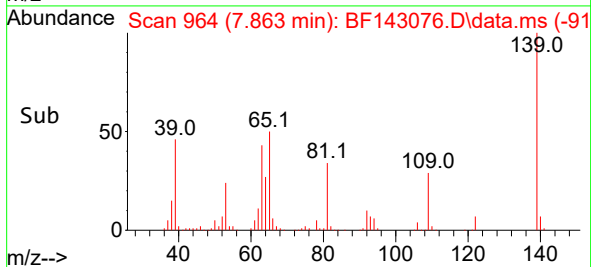
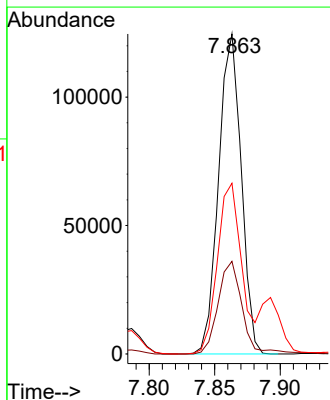
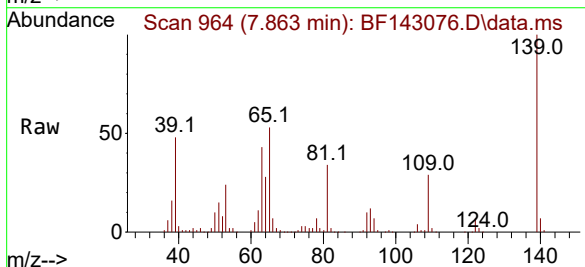
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

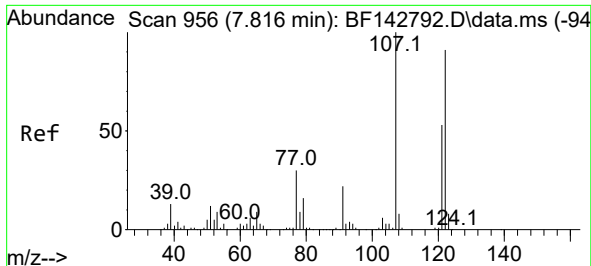
Tgt Ion: 82 Resp: 744968
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 18.1 13.8 20.8



#26
2-Nitrophenol
Concen: 50.279 ng
RT: 7.863 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Tgt Ion:139 Resp: 149286
Ion Ratio Lower Upper
139 100
109 29.0 23.4 35.0
65 53.4 43.1 64.7





#27

2,4-Dimethylphenol

Concen: 48.740 ng

RT: 7.893 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF143076.D

Acq: 11 Jul 2025 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

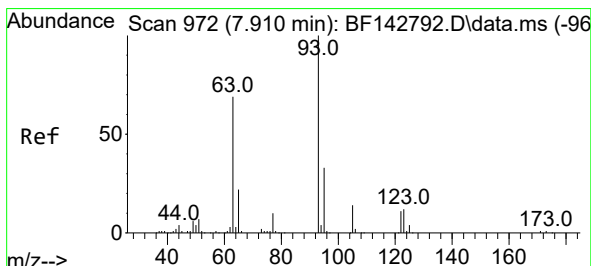
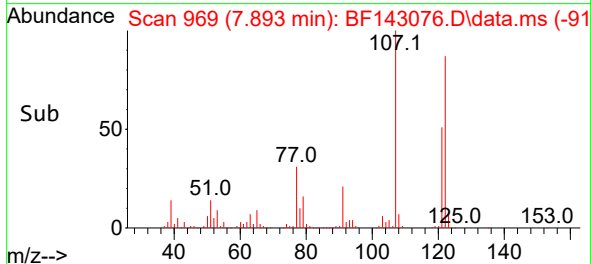
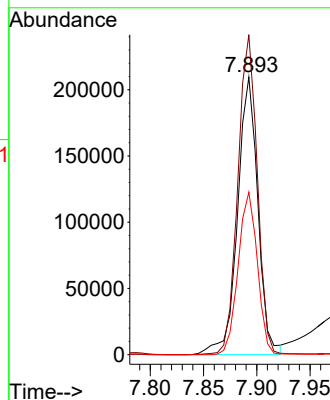
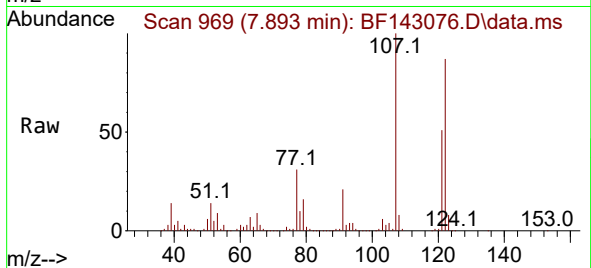
Tgt Ion:122 Resp: 278853

Ion Ratio Lower Upper

122 100

107 115.3 90.0 135.0

121 58.6 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 46.667 ng

RT: 7.992 min Scan# 986

Delta R.T. 0.000 min

Lab File: BF143076.D

Acq: 11 Jul 2025 14:48

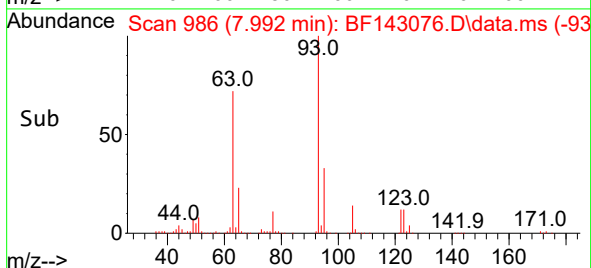
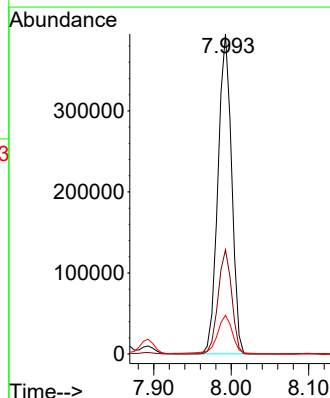
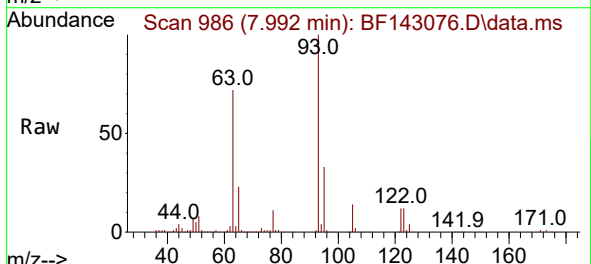
Tgt Ion: 93 Resp: 484452

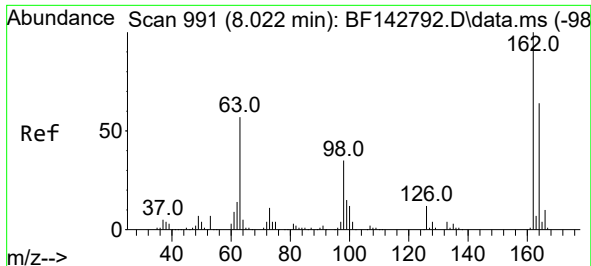
Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

123 12.1 9.6 14.4

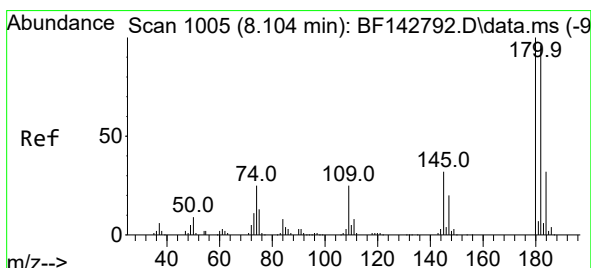
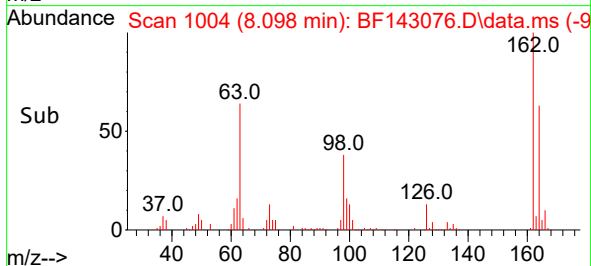
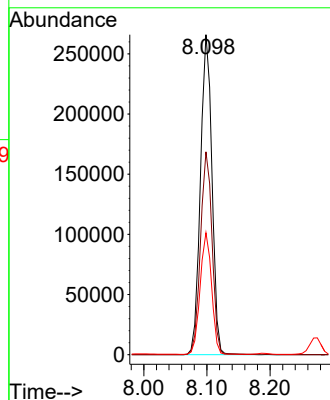
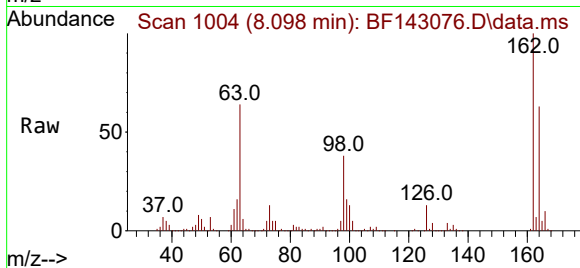




#29
2,4-Dichlorophenol
Concen: 49.969 ng
RT: 8.098 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

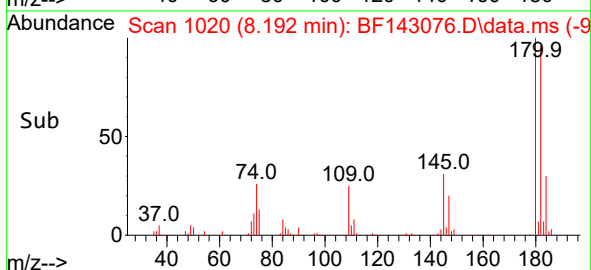
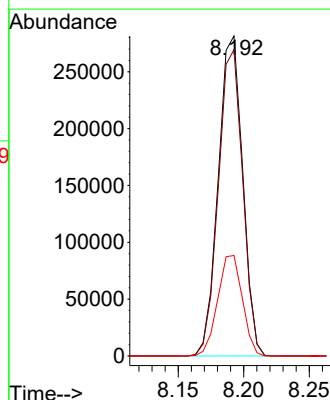
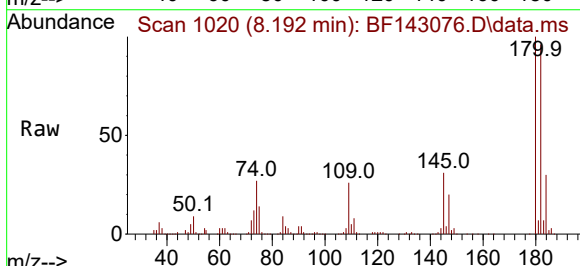
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

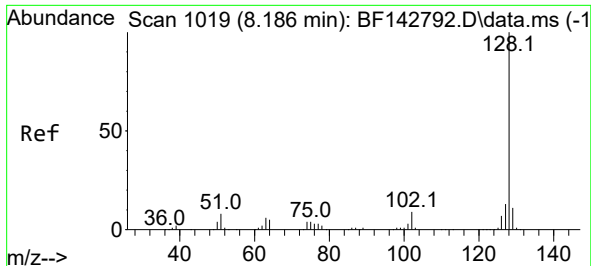
Tgt Ion:162 Resp: 336143
Ion Ratio Lower Upper
162 100
164 63.4 43.9 83.9
98 38.1 19.0 59.0



#30
1,2,4-Trichlorobenzene
Concen: 47.243 ng
RT: 8.192 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Tgt Ion:180 Resp: 364556
Ion Ratio Lower Upper
180 100
182 95.7 76.2 114.2
145 31.4 25.0 37.6

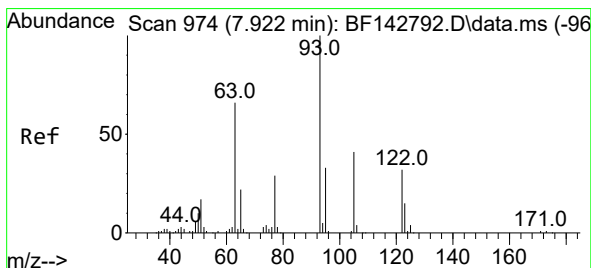
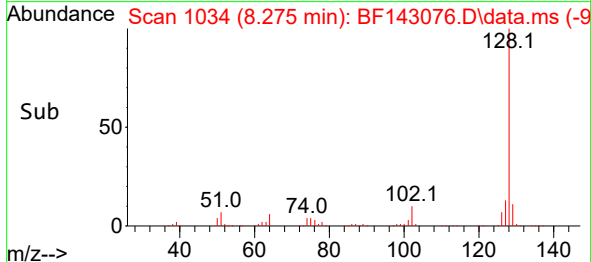
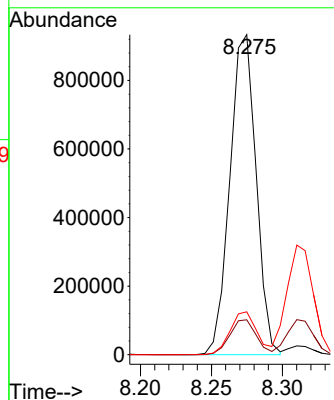
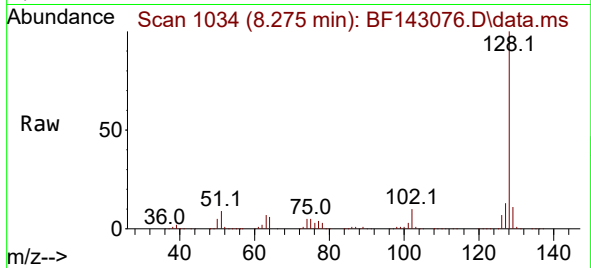




#31
Naphthalene
Concen: 46.800 ng
RT: 8.275 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

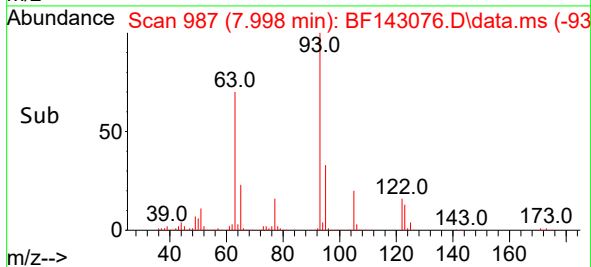
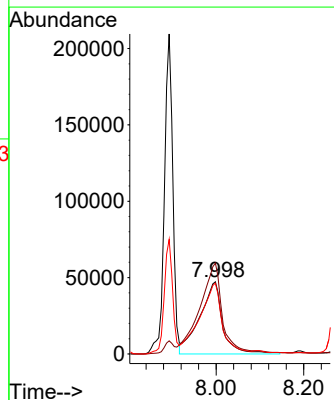
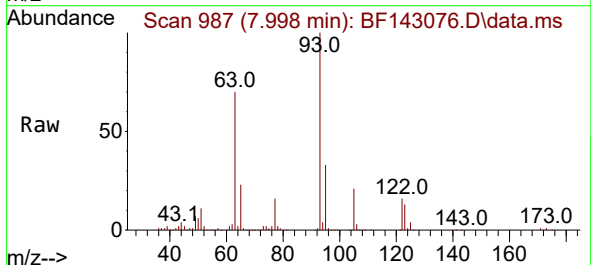
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

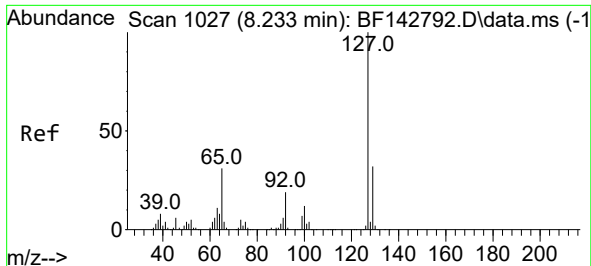
Tgt Ion:128 Resp: 1201613
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 49.868 ng m
RT: 7.998 min Scan# 987
Delta R.T. 0.012 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Tgt Ion:122 Resp: 173301
Ion Ratio Lower Upper
122 100
105 125.9 109.7 149.7
77 98.1 81.6 121.6

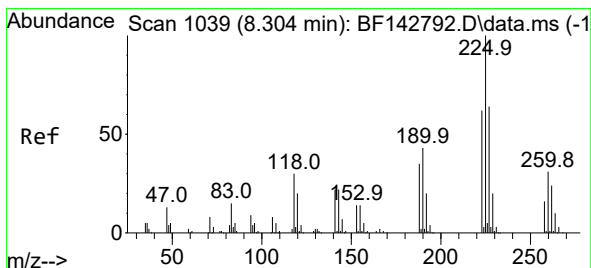
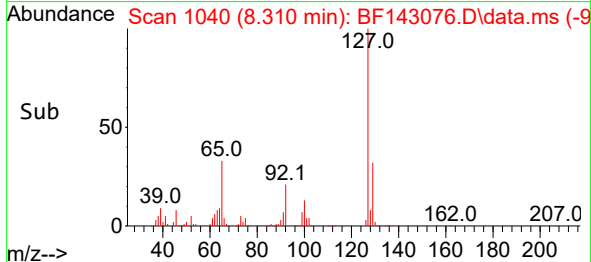
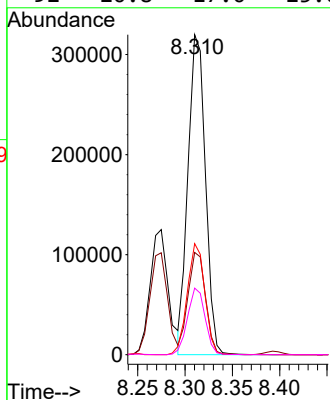
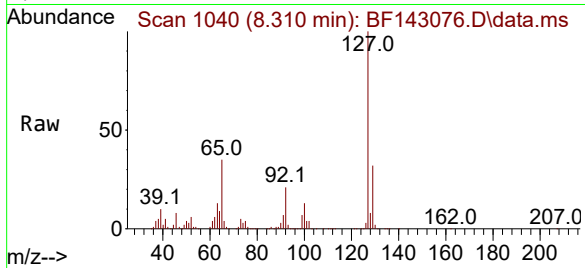




#33
4-Chloroaniline
Concen: 47.290 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

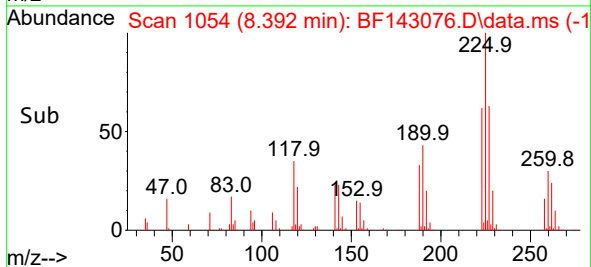
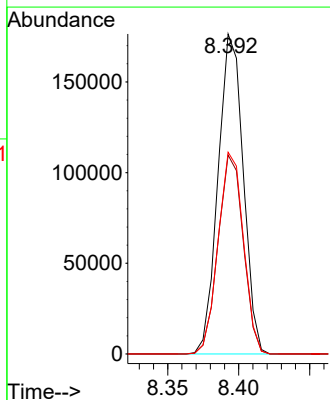
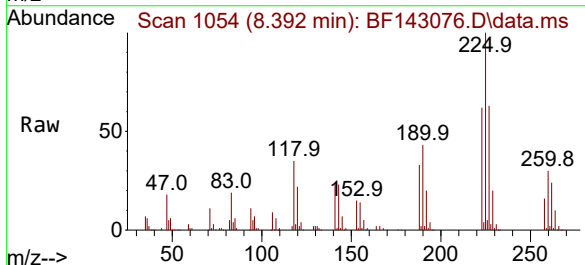
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

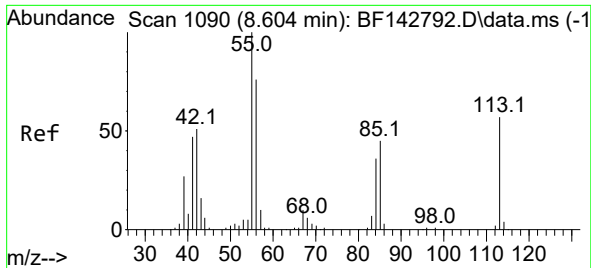
Tgt Ion:127	Resp: 410205
Ion Ratio	Lower Upper
127 100	
129 32.0	25.8 38.8
65 34.7	27.8 41.8
92 20.8	17.0 25.6



#34
Hexachlorobutadiene
Concen: 48.043 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Tgt	Ion:225	Resp:	217542
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.8	76.2
227	63.1	50.6	75.8

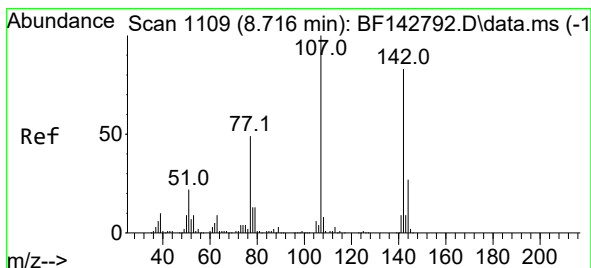
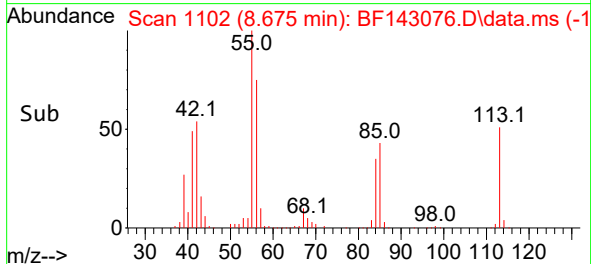
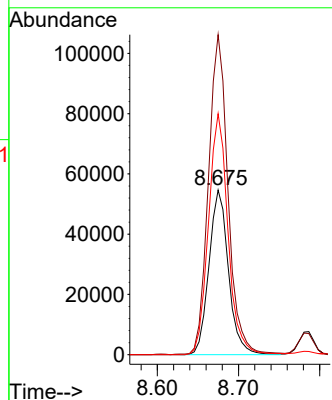
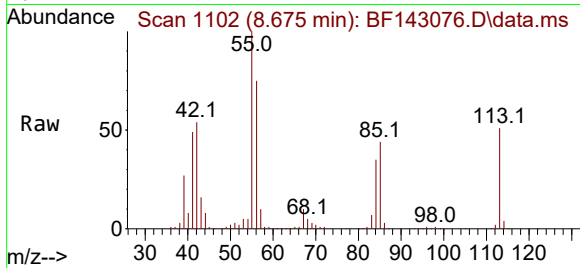




#35
Caprolactam
Concen: 48.244 ng
RT: 8.675 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

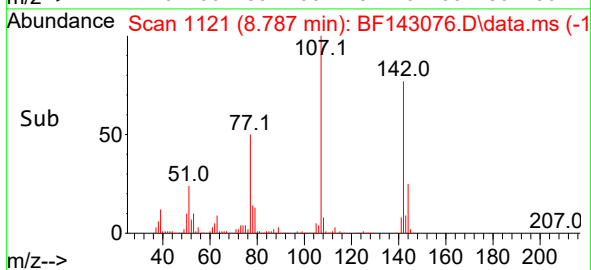
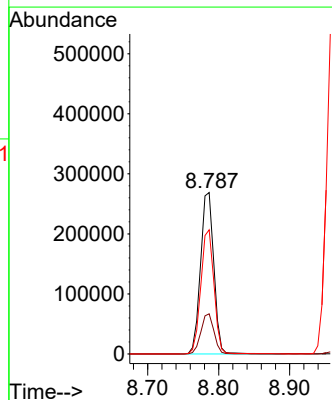
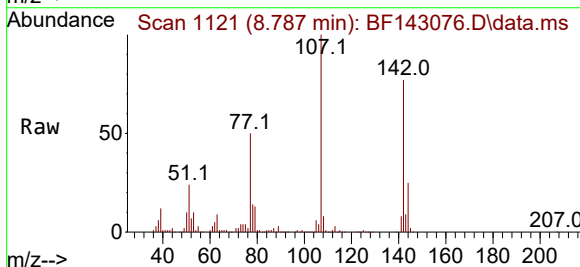
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

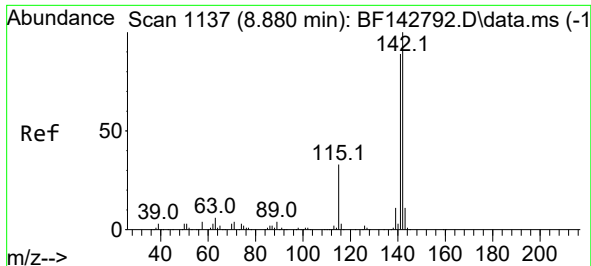
Tgt Ion:113 Resp: 90990
Ion Ratio Lower Upper
113 100
55 194.3 175.4 215.4
56 146.3 129.7 169.7



#36
4-Chloro-3-methylphenol
Concen: 48.681 ng
RT: 8.787 min Scan# 1121
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Tgt Ion:107 Resp: 352178
Ion Ratio Lower Upper
107 100
144 24.9 19.8 29.6
142 76.9 61.9 92.9





#37

2-Methylnaphthalene

Concen: 46.416 ng

RT: 8.963 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF143076.D

Acq: 11 Jul 2025 14:48

Instrument :

BNA_F

ClientSampleId :

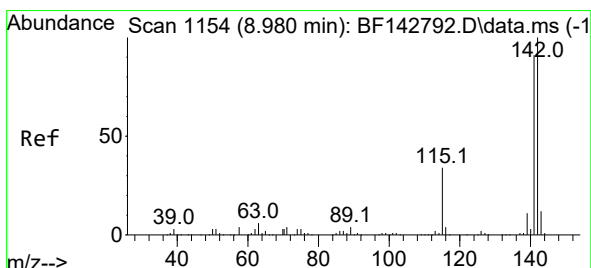
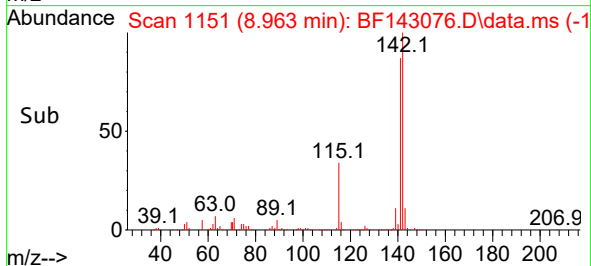
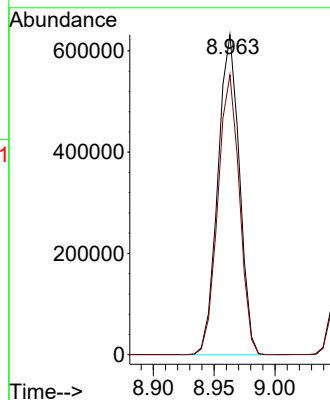
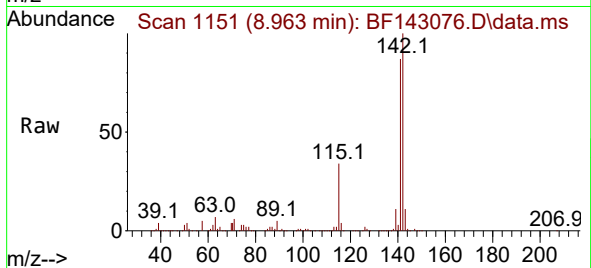
SSTDICC050

Tgt Ion:142 Resp: 778849

Ion Ratio Lower Upper

142 100

141 87.5 69.8 104.8



#38

1-Methylnaphthalene

Concen: 46.148 ng

RT: 9.063 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF143076.D

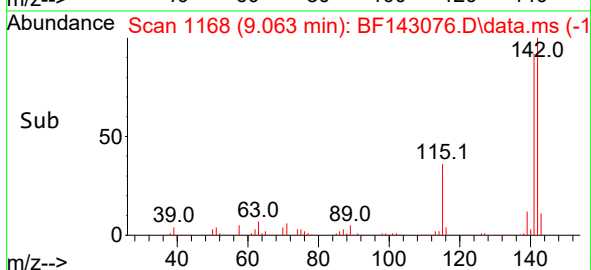
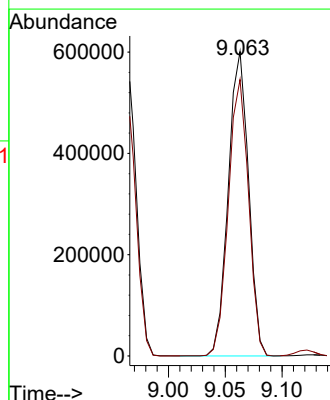
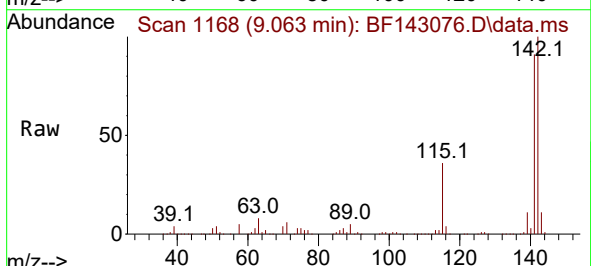
Acq: 11 Jul 2025 14:48

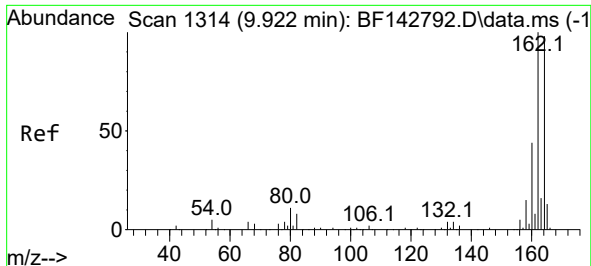
Tgt Ion:142 Resp: 745213

Ion Ratio Lower Upper

142 100

141 90.8 72.8 109.2

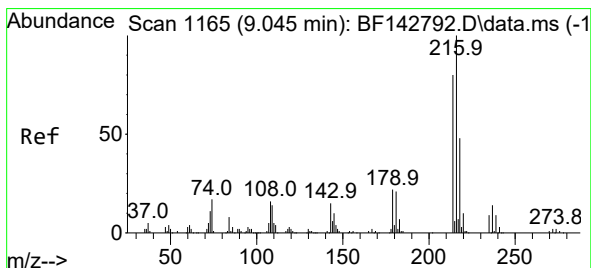
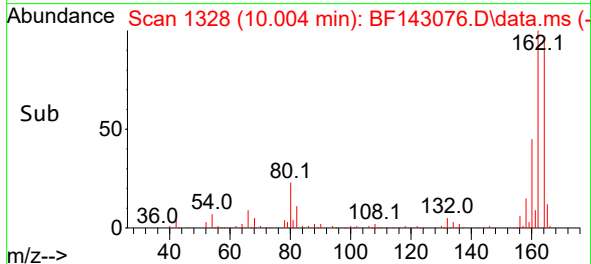
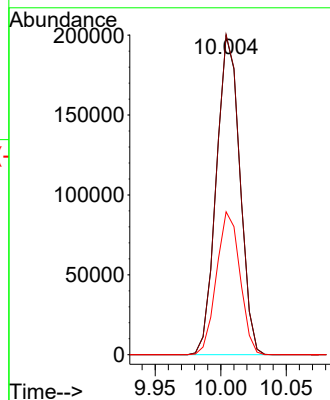
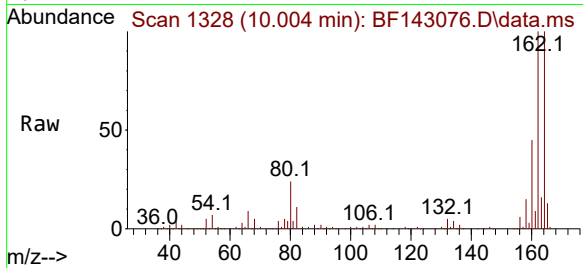




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

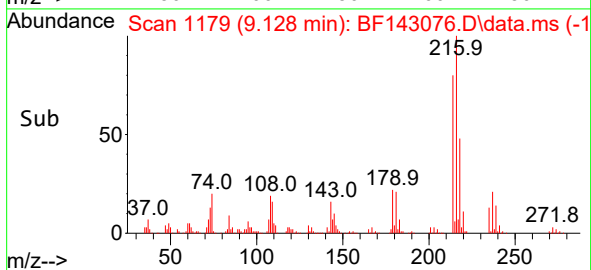
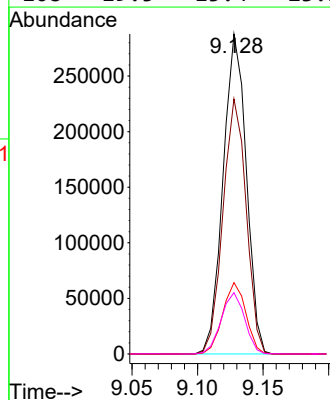
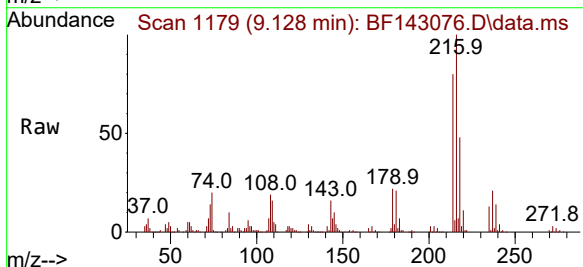
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

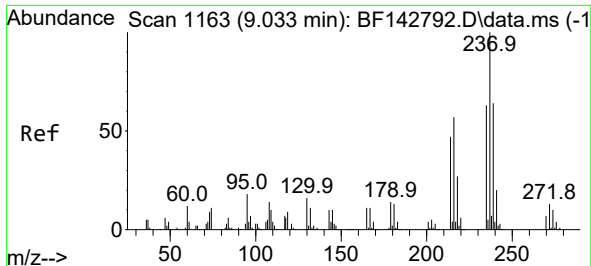
Tgt Ion:164 Resp: 248627
Ion Ratio Lower Upper
164 100
162 100.3 79.3 118.9
160 44.8 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.671 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Tgt Ion:216 Resp: 354442
Ion Ratio Lower Upper
216 100
214 79.4 62.9 94.3
179 22.2 17.3 25.9
108 19.5 15.4 23.2

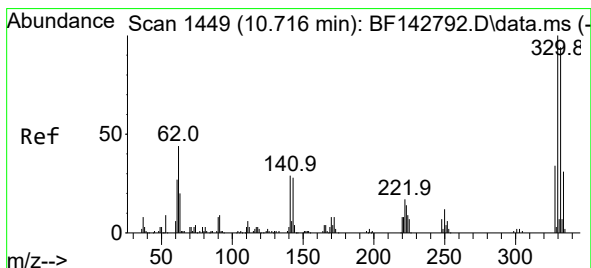
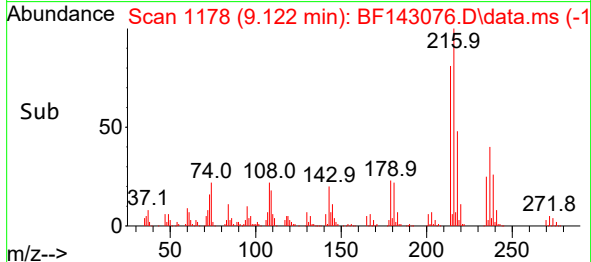
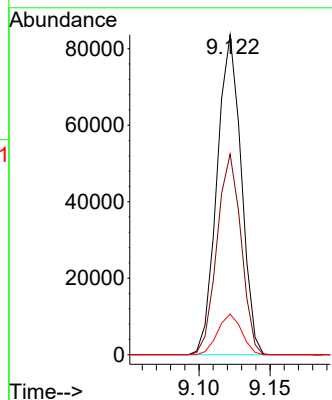
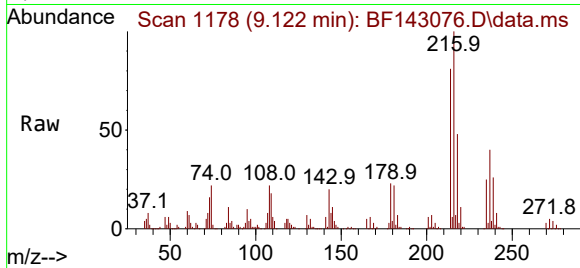




#41
Hexachlorocyclopentadiene
Concen: 54.444 ng
RT: 9.122 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

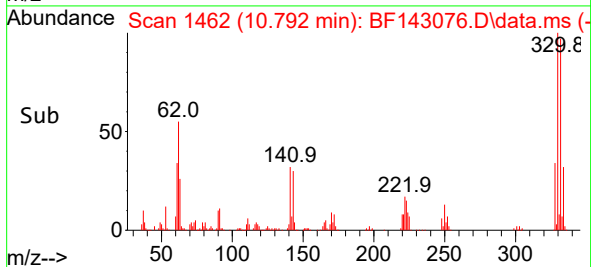
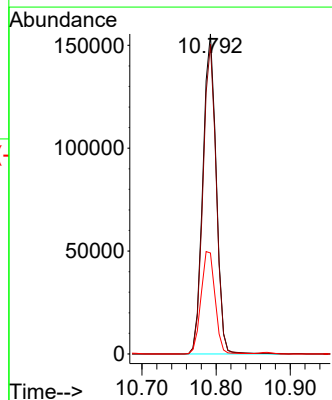
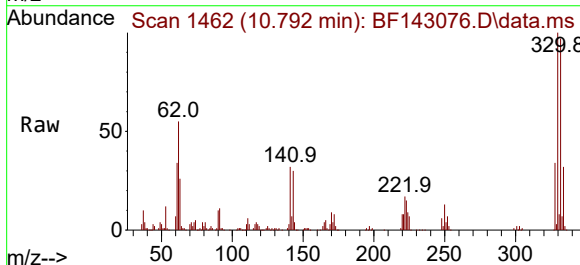
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

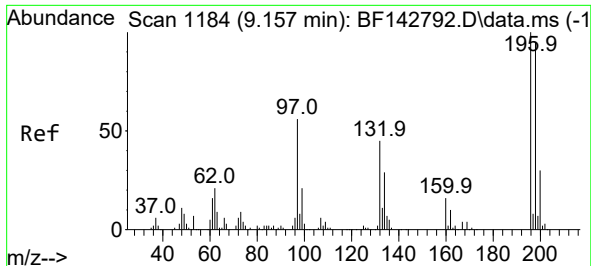
Tgt Ion:237 Resp: 98913
Ion Ratio Lower Upper
237 100
235 62.7 43.1 83.1
272 12.7 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 105.458 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Tgt Ion:330 Resp: 194066
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.8
141 33.8 28.1 42.1





#43

2,4,6-Trichlorophenol

Concen: 53.128 ng

RT: 9.234 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF143076.D

Acq: 11 Jul 2025 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

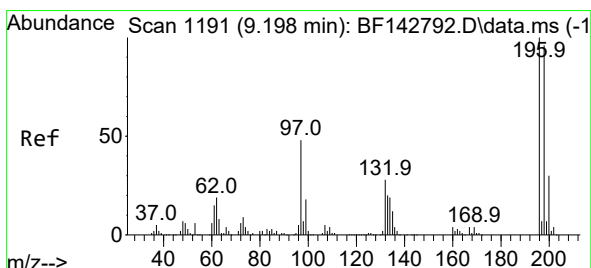
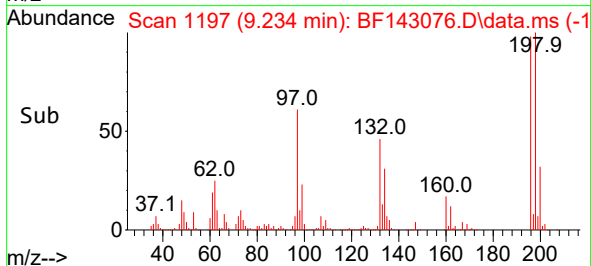
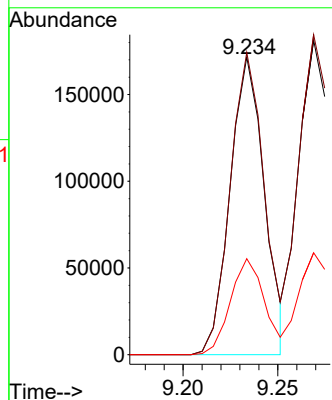
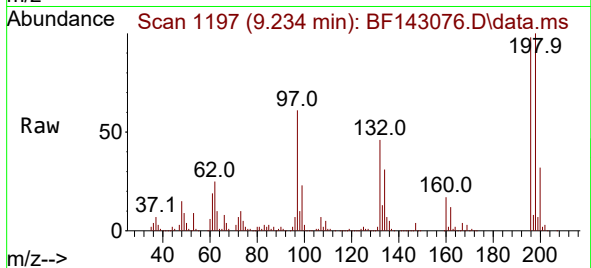
Tgt Ion:196 Resp: 216219

Ion Ratio Lower Upper

196 100

198 101.6 80.4 120.6

200 32.3 25.4 38.0



#44

2,4,5-Trichlorophenol

Concen: 52.810 ng

RT: 9.269 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF143076.D

Acq: 11 Jul 2025 14:48

Tgt Ion:196 Resp: 224042

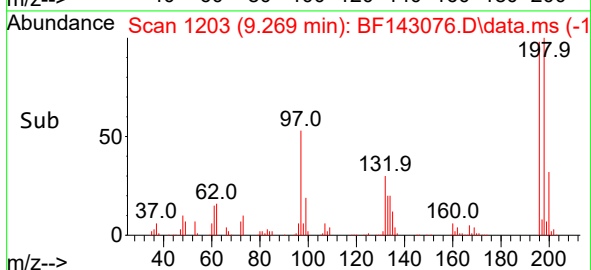
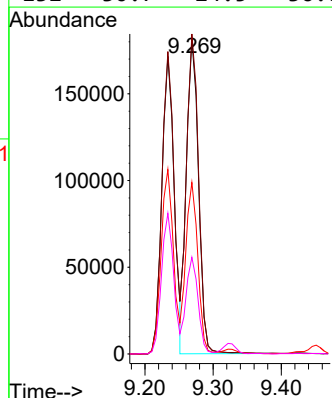
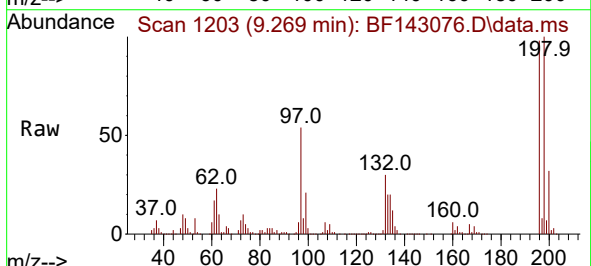
Ion Ratio Lower Upper

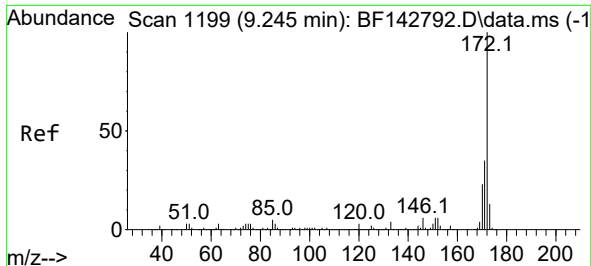
196 100

198 101.7 80.6 120.8

97 54.5 43.7 65.5

132 30.7 24.5 36.7

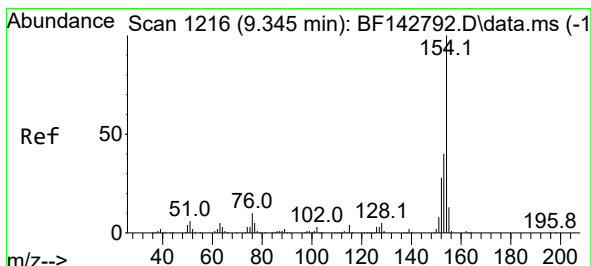
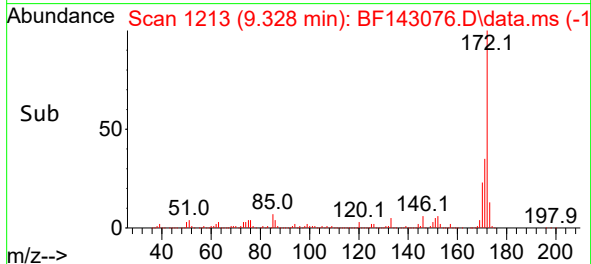
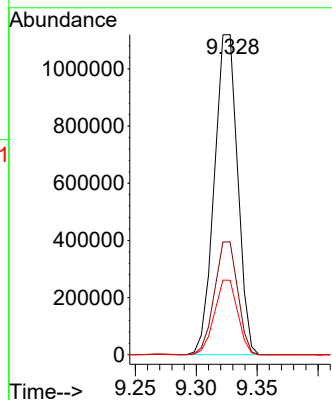
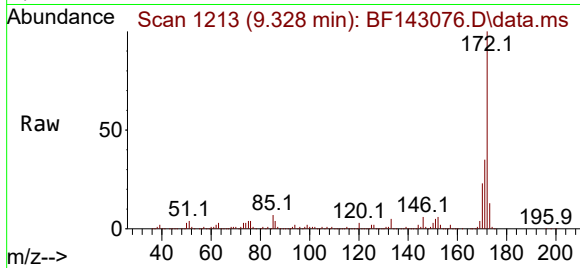




#45
2-Fluorobiphenyl
Concen: 94.094 ng
RT: 9.328 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

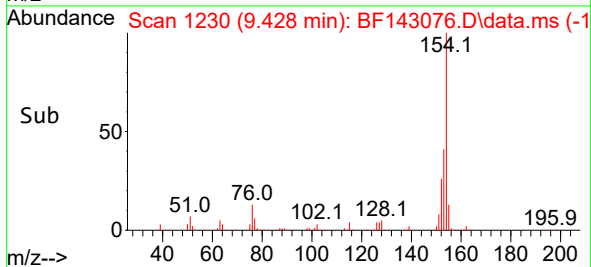
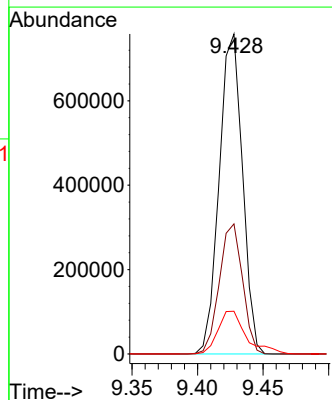
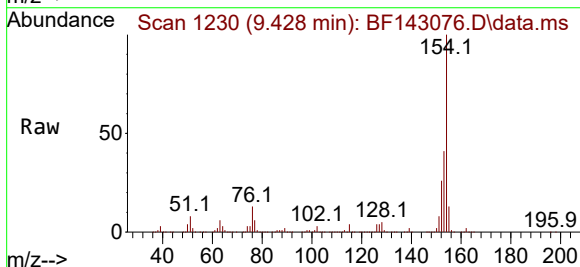
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

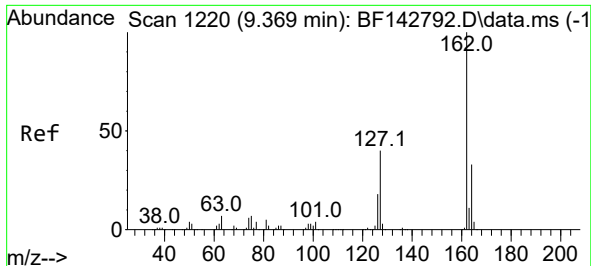
Tgt Ion:172 Resp: 1488391
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 47.883 ng
RT: 9.428 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Tgt Ion:154 Resp: 934827
Ion Ratio Lower Upper
154 100
153 40.6 20.3 60.3
76 13.4 0.0 33.2

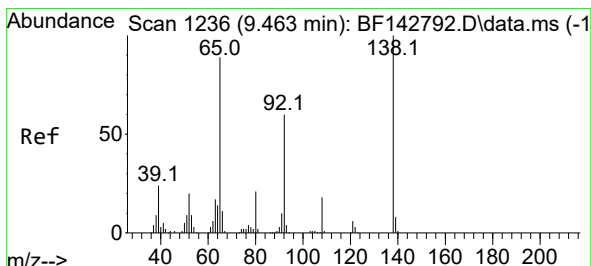
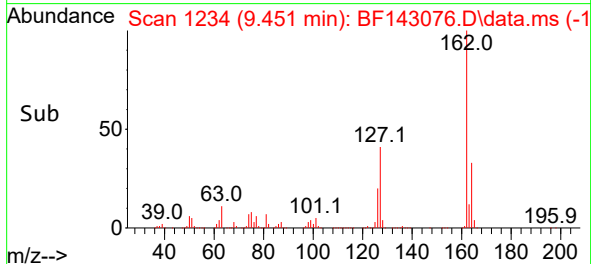
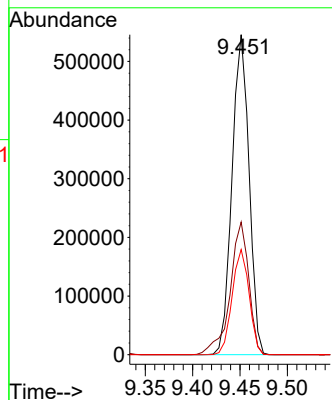
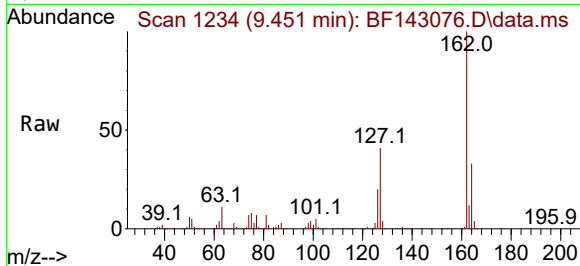




#47
2-Chloronaphthalene
Concen: 48.190 ng
RT: 9.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

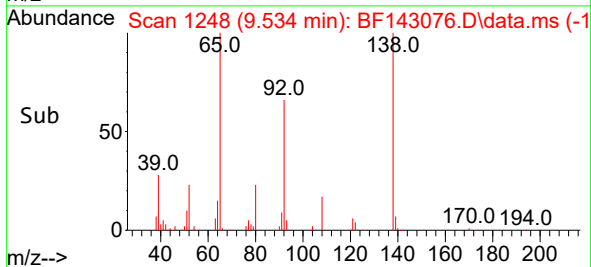
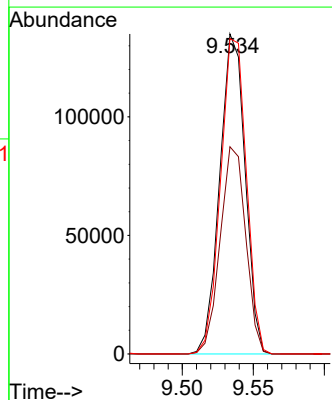
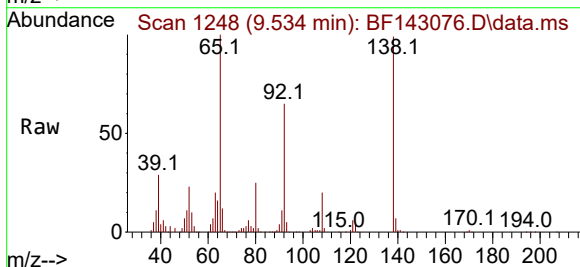
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

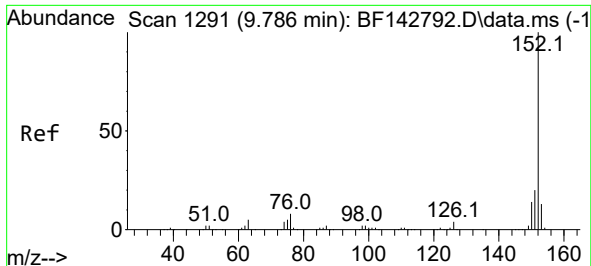
Tgt Ion:162 Resp: 681365
Ion Ratio Lower Upper
162 100
127 41.5 32.9 49.3
164 32.9 26.2 39.2



#48
2-Nitroaniline
Concen: 48.379 ng
RT: 9.534 min Scan# 1248
Delta R.T. 0.001 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Tgt Ion: 65 Resp: 167798
Ion Ratio Lower Upper
65 100
92 64.8 51.4 77.0
138 98.5 77.0 115.4

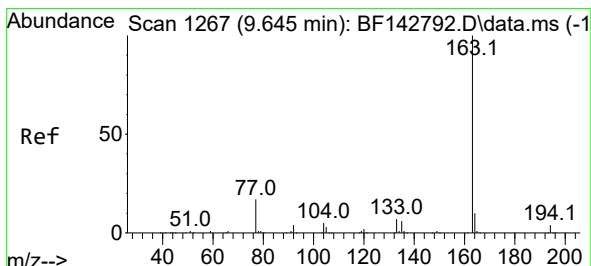
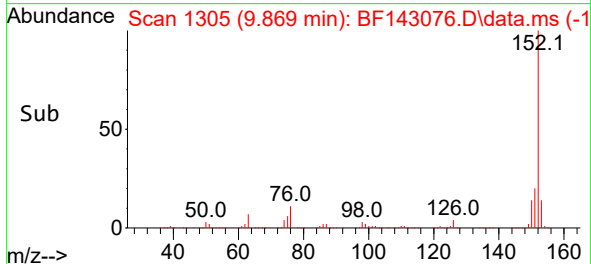
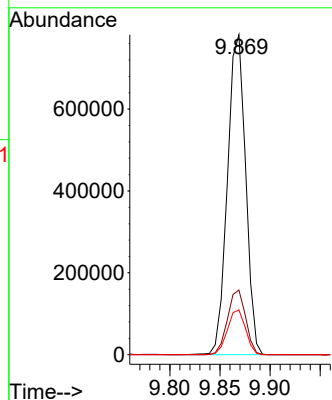
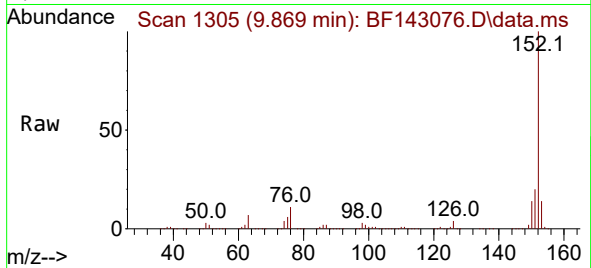




#49
Acenaphthylene
Concen: 47.447 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

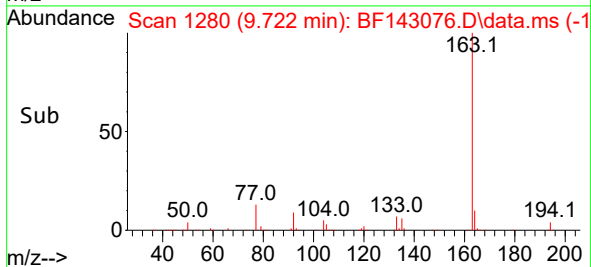
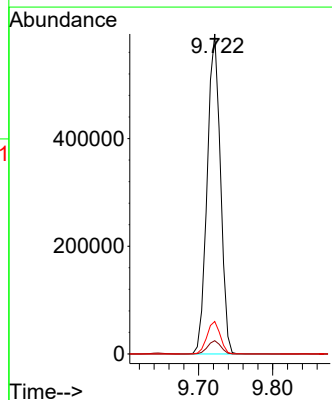
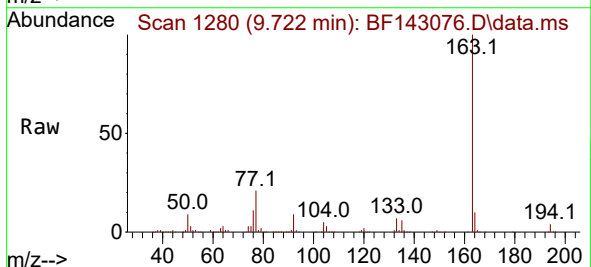
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

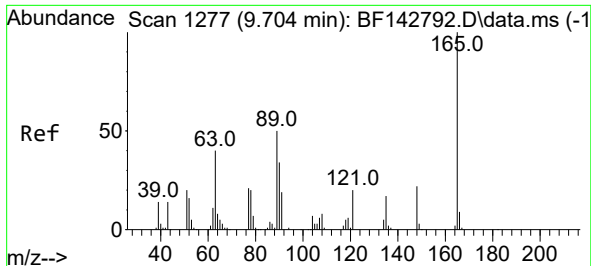
Tgt Ion:152 Resp: 984892
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 14.0 11.2 16.8



#50
Dimethylphthalate
Concen: 47.662 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Tgt Ion:163 Resp: 736402
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.1 8.1 12.1

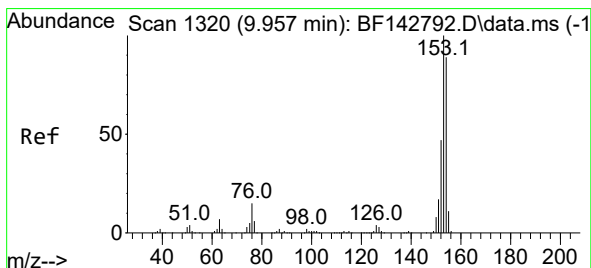
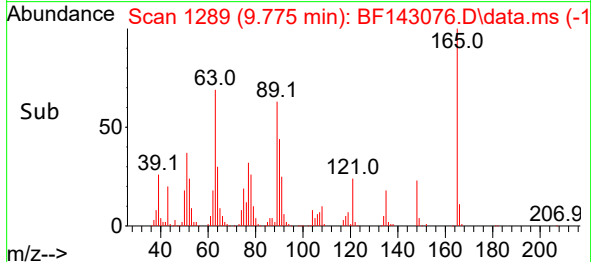
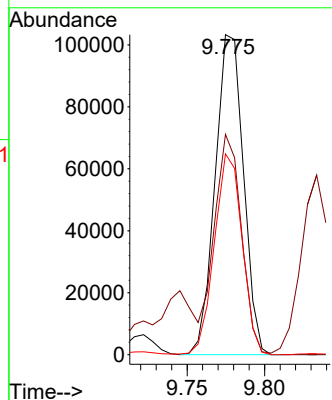
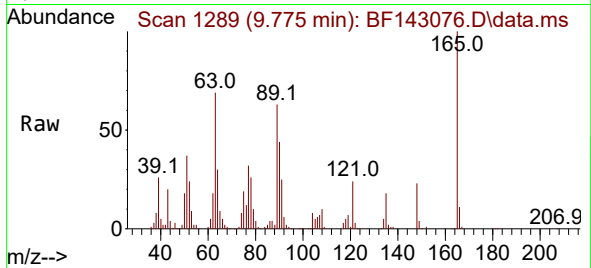




#51
2,6-Dinitrotoluene
Concen: 48.129 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

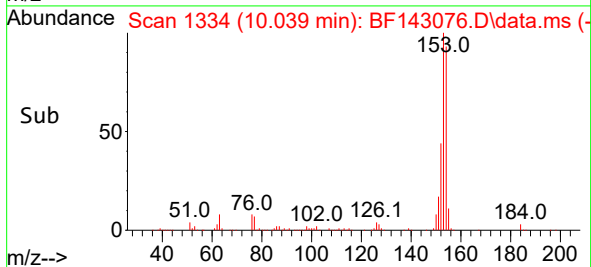
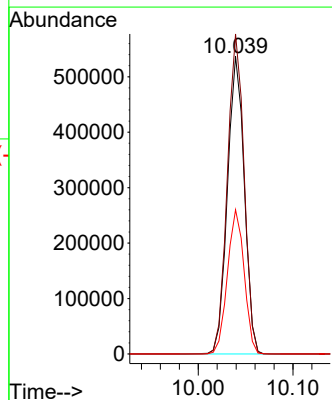
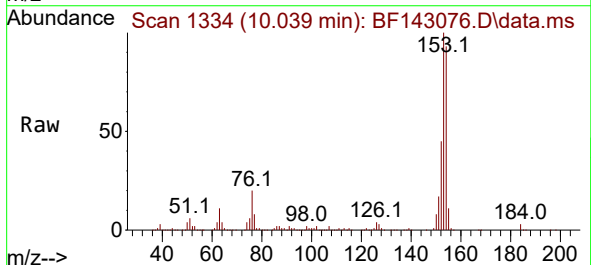
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

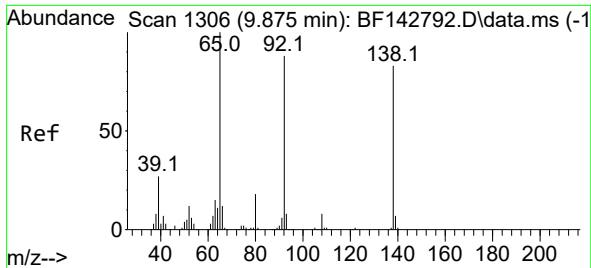
Tgt Ion:165 Resp: 131514
Ion Ratio Lower Upper
165 100
63 68.8 53.0 79.6
89 62.7 50.2 75.4



#52
Acenaphthene
Concen: 47.524 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Tgt Ion:154 Resp: 664431
Ion Ratio Lower Upper
154 100
153 107.5 86.6 130.0
152 48.4 38.7 58.1

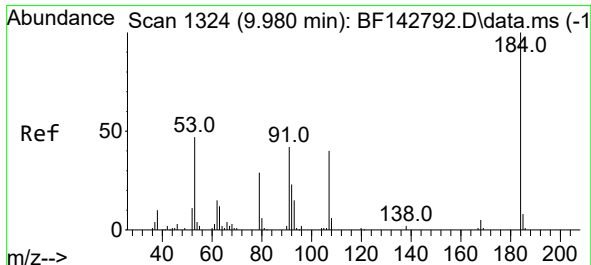
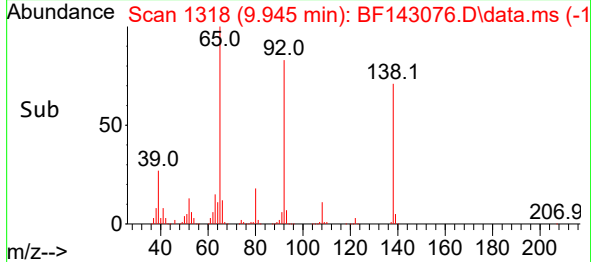
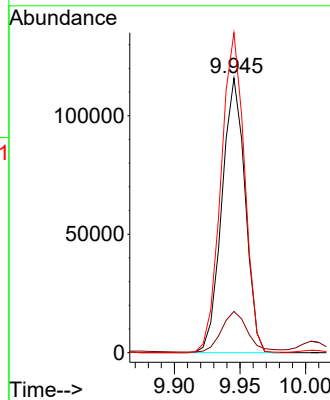
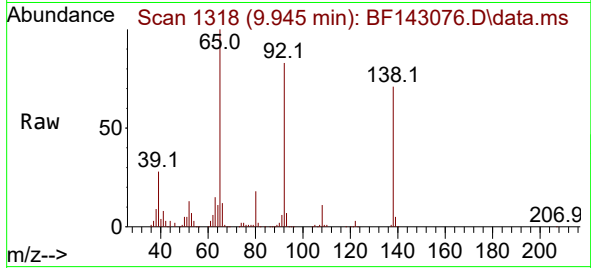




#53
3-Nitroaniline
Concen: 48.382 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

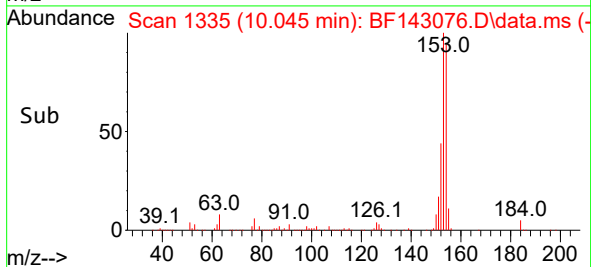
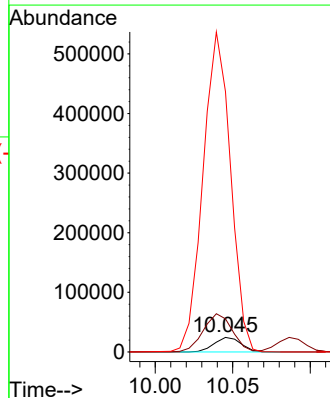
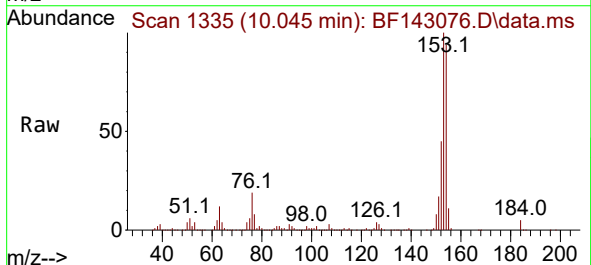
Instrument :
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ClientSampleId :
SSTDICC050

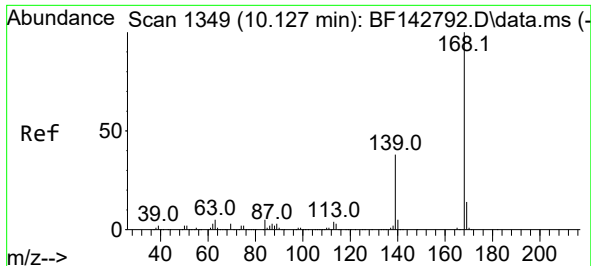
Tgt Ion:138 Resp: 142428
Ion Ratio Lower Upper
138 100
108 15.0 14.0 21.0
92 116.5 94.1 141.1



#54
2,4-Dinitrophenol
Concen: 48.059 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Tgt Ion:184 Resp: 29413
Ion Ratio Lower Upper
184 100
63 227.4 204.9 307.3
154 1783.3 1655.1 2482.7

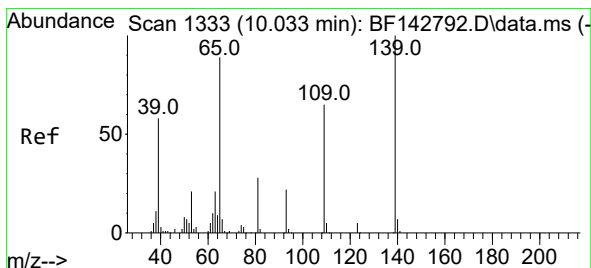
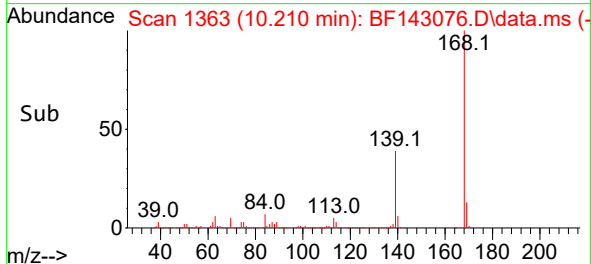
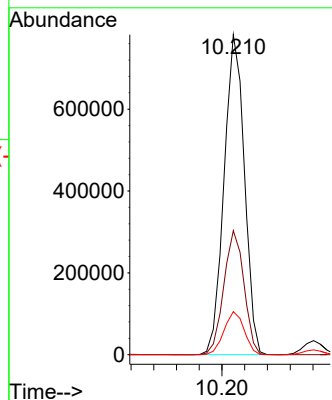
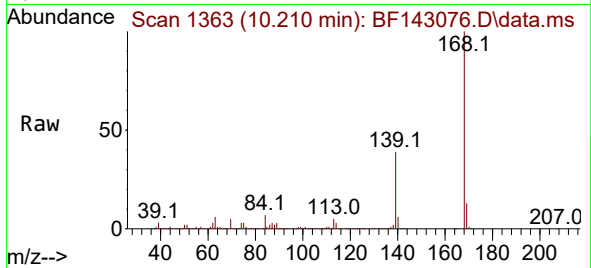




#55
Dibenzofuran
Concen: 47.575 ng
RT: 10.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

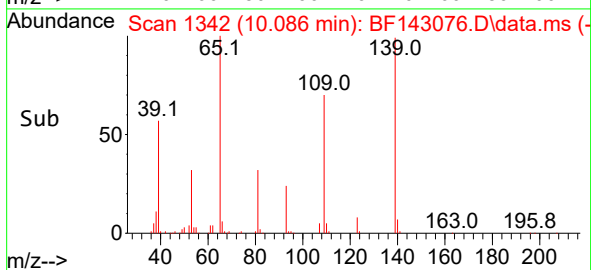
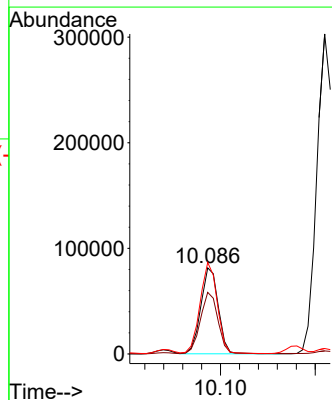
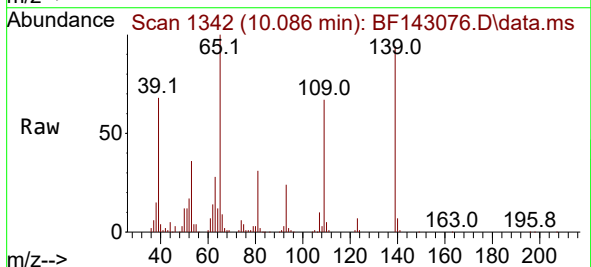
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

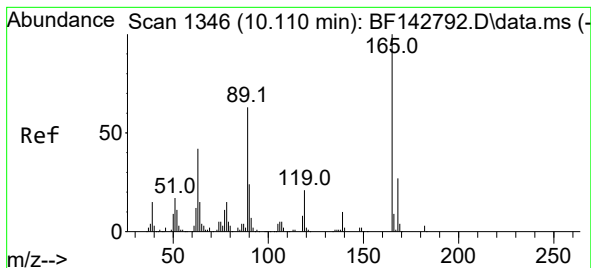
Tgt Ion:168 Resp: 971404
Ion Ratio Lower Upper
168 100
139 38.7 30.6 46.0
169 13.5 10.6 15.8



#56
4-Nitrophenol
Concen: 48.207 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Tgt Ion:139 Resp: 103891
Ion Ratio Lower Upper
139 100
109 71.6 52.5 92.5
65 106.1 85.8 125.8

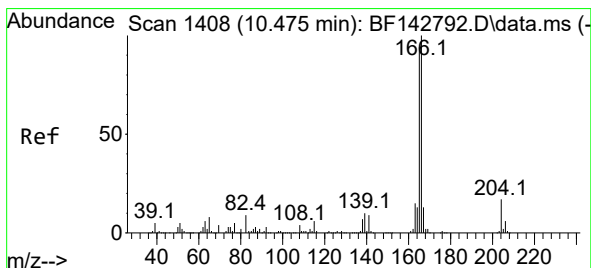
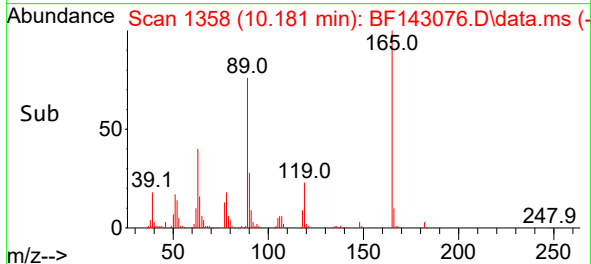
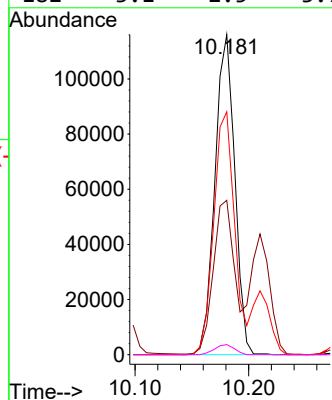
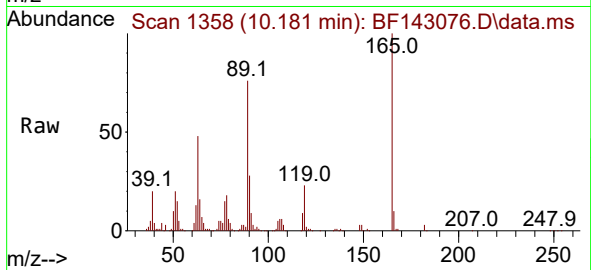




#57
2,4-Dinitrotoluene
Concen: 47.104 ng
RT: 10.181 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

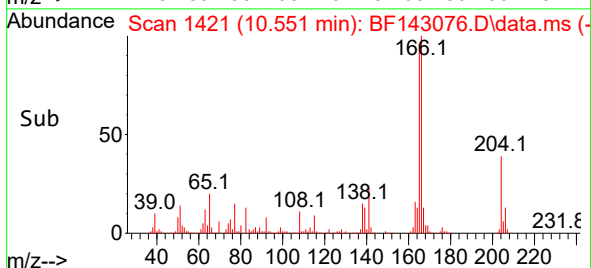
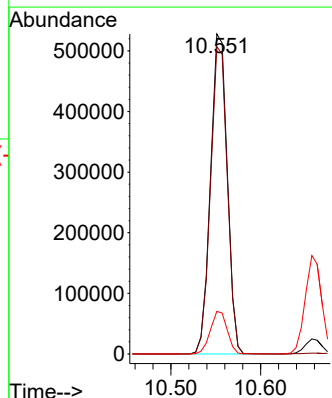
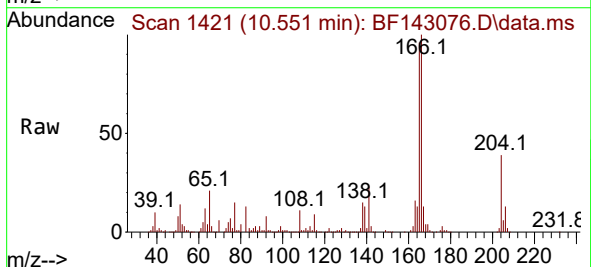
Instrument :
BNA_F
ClientSampleId :
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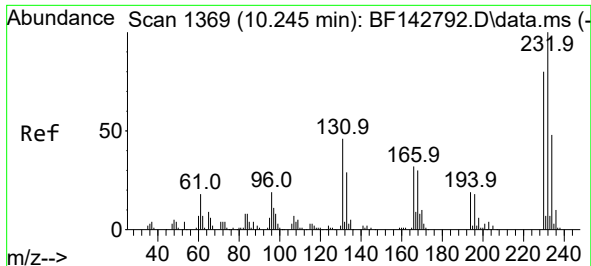
Tgt Ion:165 Resp: 140789
Ion Ratio Lower Upper
165 100
63 48.3 39.0 58.6
89 75.9 59.5 89.3
182 3.1 2.5 3.7



#58
Fluorene
Concen: 45.885 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Tgt Ion:166 Resp: 685810
Ion Ratio Lower Upper
166 100
165 96.1 77.0 115.4
167 13.3 10.9 16.3

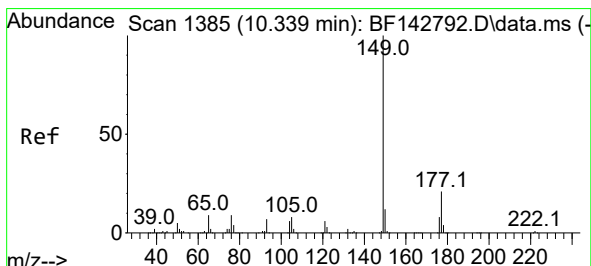
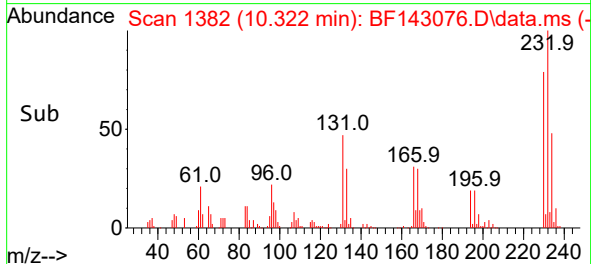
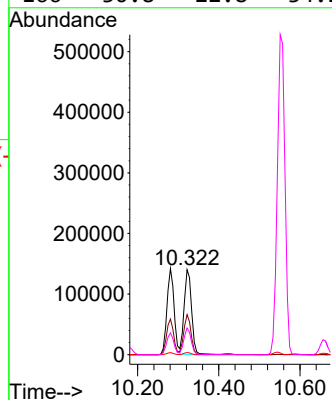
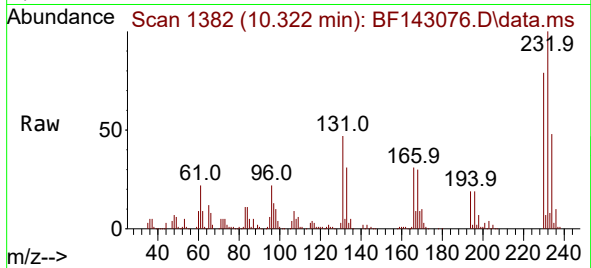




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.056 ng
RT: 10.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

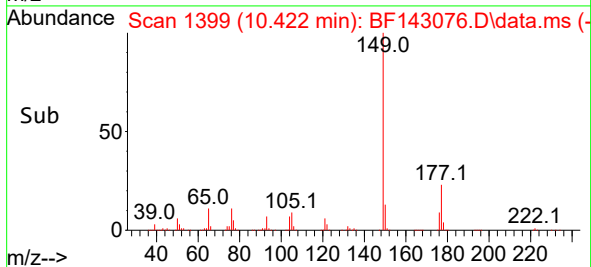
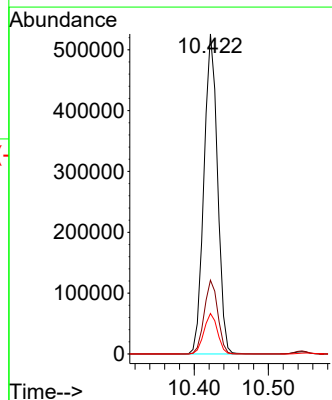
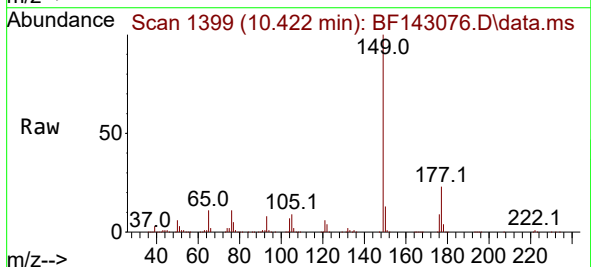
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

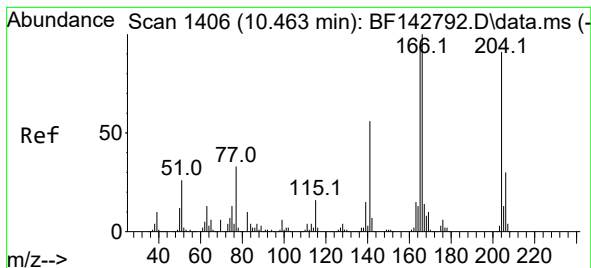
Tgt Ion:232 Resp: 177944
Ion Ratio Lower Upper
232 100
131 45.8 37.1 55.7
130 2.4 1.8 2.8
166 30.8 22.8 34.2



#60
Diethylphthalate
Concen: 47.100 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Tgt Ion:149 Resp: 669625
Ion Ratio Lower Upper
149 100
177 23.0 18.6 27.8
150 12.6 10.2 15.4

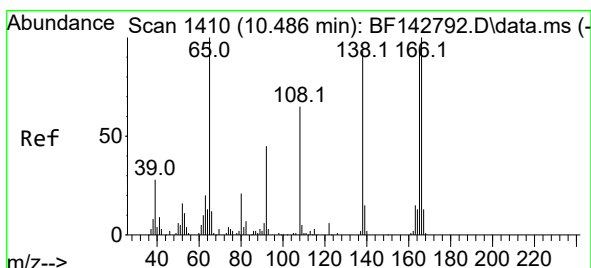
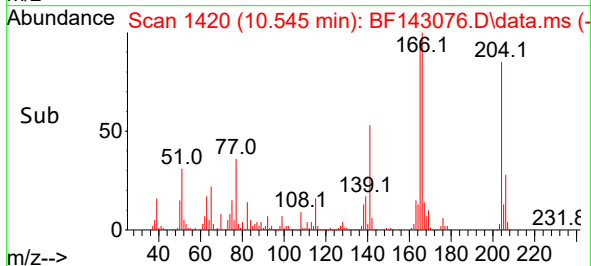
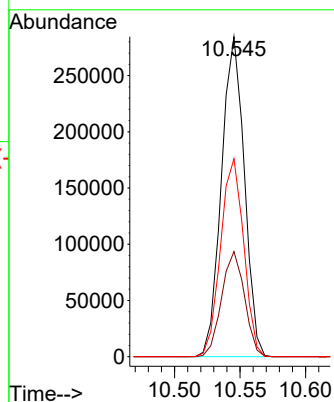
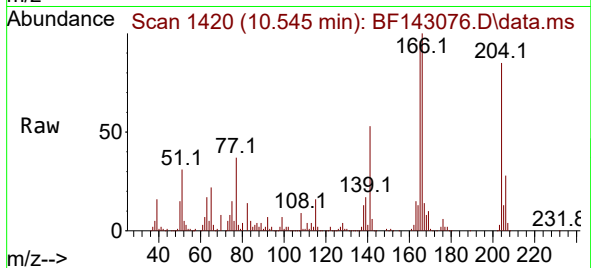




#61
4-Chlorophenyl-phenylether
Concen: 46.430 ng
RT: 10.545 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

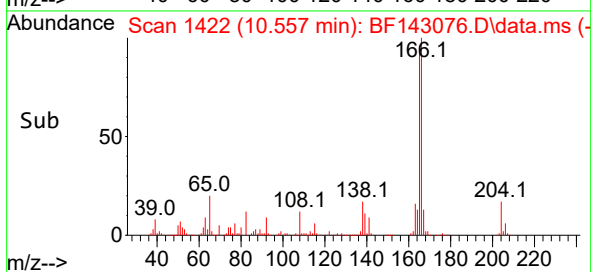
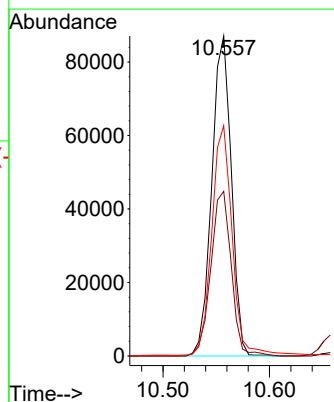
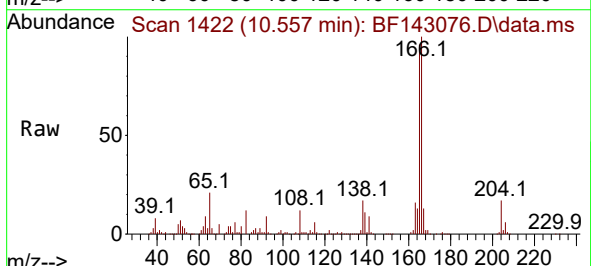
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

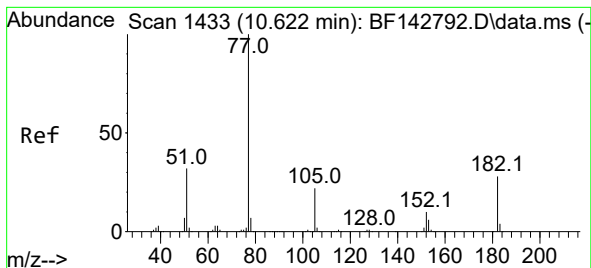
Tgt Ion:204 Resp: 344923
Ion Ratio Lower Upper
204 100
206 32.8 26.1 39.1
141 61.8 49.4 74.2



#62
4-Nitroaniline
Concen: 46.571 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Tgt Ion:138 Resp: 110631
Ion Ratio Lower Upper
138 100
92 51.4 29.3 69.3
108 71.9 52.6 92.6





#63

Azobenzene

Concen: 46.897 ng

RT: 10.704 min Scan# 1433

Delta R.T. 0.000 min

Lab File: BF143076.D

Acq: 11 Jul 2025 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 77 Resp: 759015

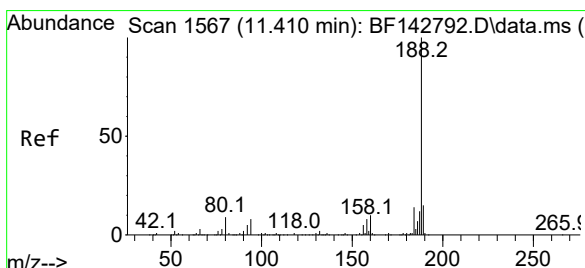
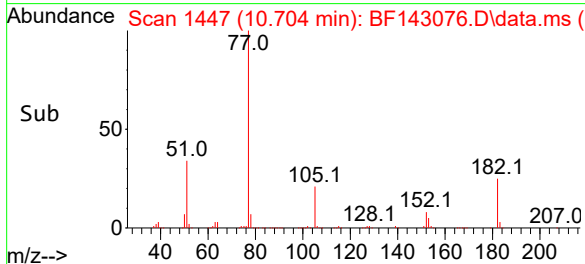
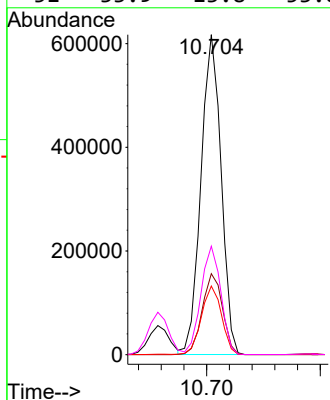
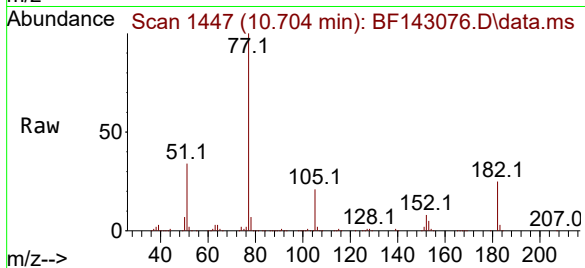
Ion Ratio Lower Upper

77 100

182 25.3 4.5 44.5

105 21.4 1.2 41.2

51 33.9 13.8 53.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF143076.D

Acq: 11 Jul 2025 14:48

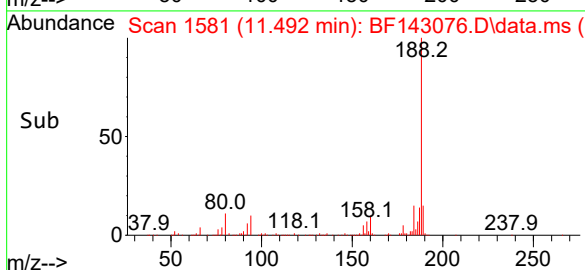
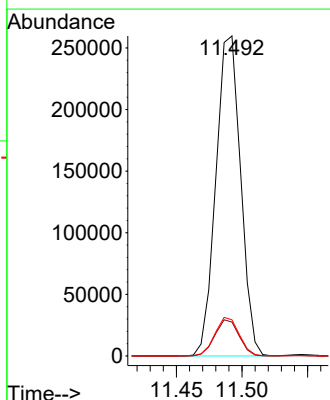
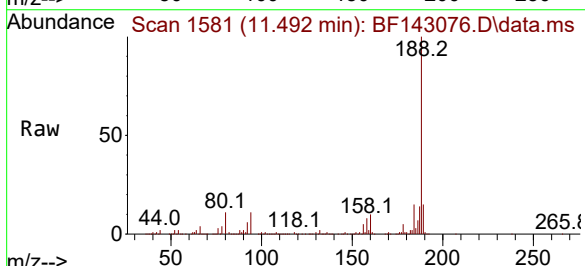
Tgt Ion:188 Resp: 340859

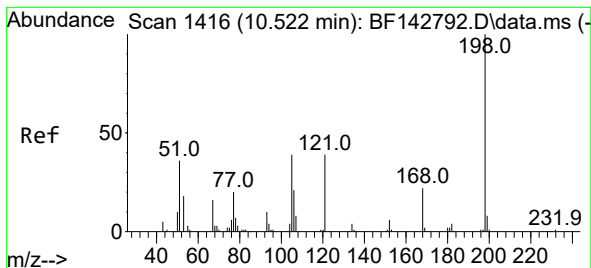
Ion Ratio Lower Upper

188 100

94 10.6 8.4 12.6

80 11.3 9.3 13.9

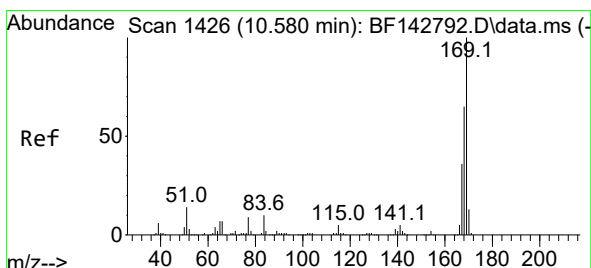
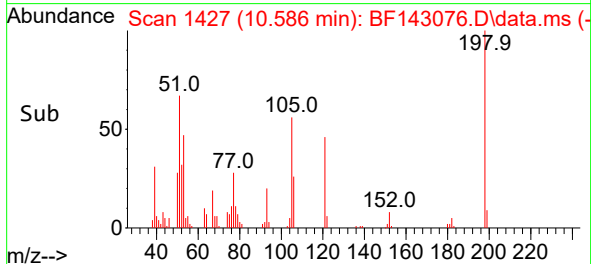
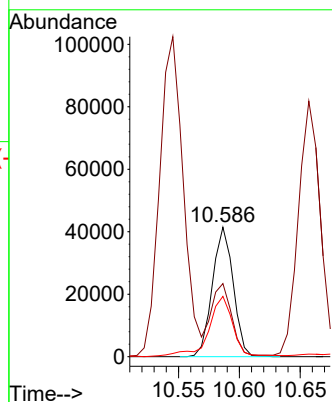
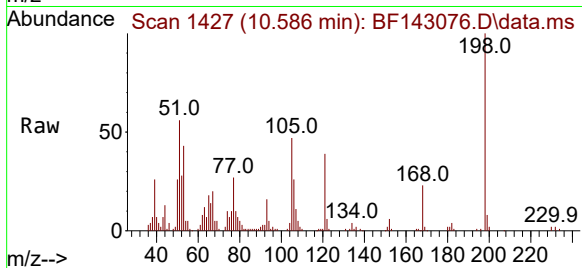




#65
4,6-Dinitro-2-methylphenol
Concen: 49.283 ng
RT: 10.586 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

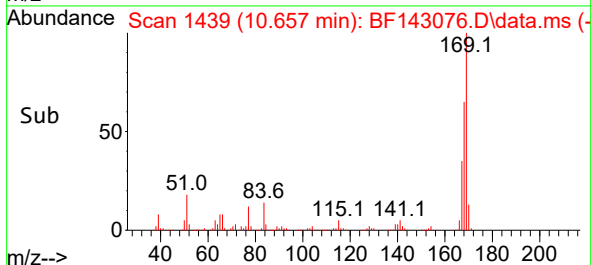
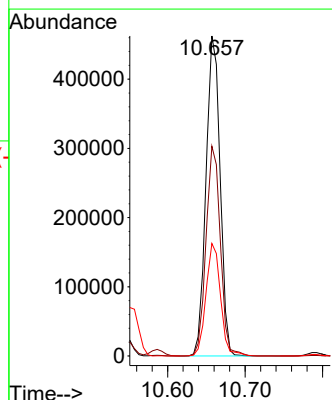
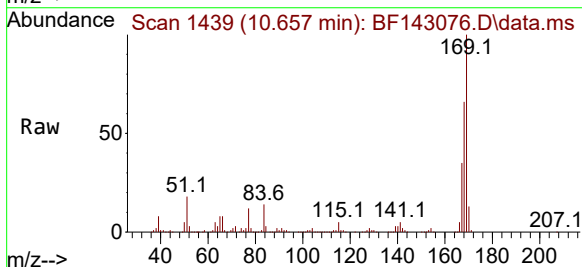
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

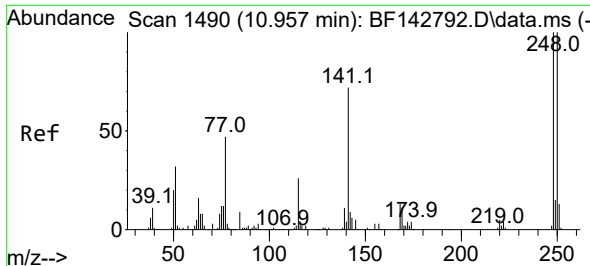
Tgt Ion:198 Resp: 49376
Ion Ratio Lower Upper
198 100
51 56.5 38.7 78.7
105 46.6 27.6 67.6



#66
n-Nitrosodiphenylamine
Concen: 49.786 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Tgt Ion:169 Resp: 583121
Ion Ratio Lower Upper
169 100
168 65.6 52.6 79.0
167 35.1 28.7 43.1

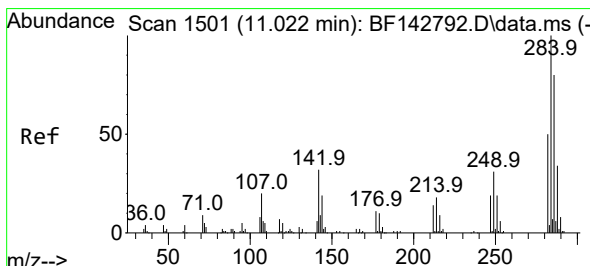
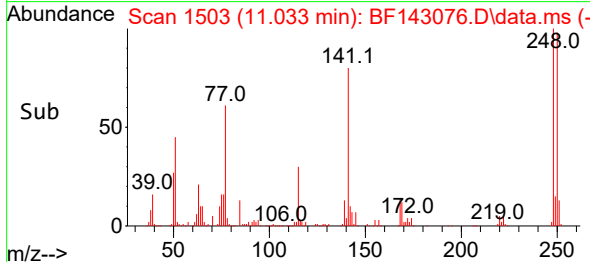
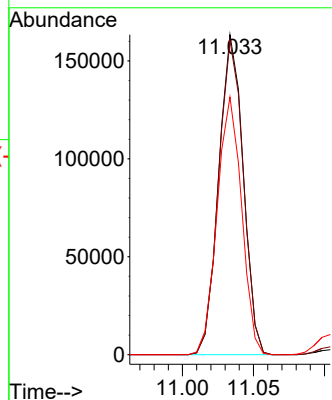
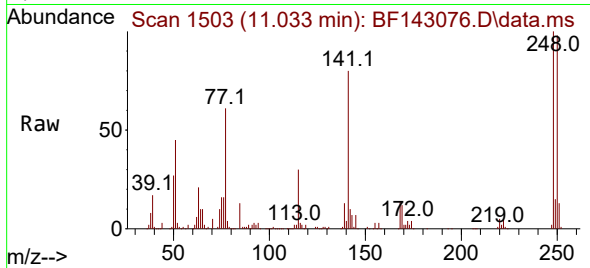




#67
4-Bromophenyl-phenylether
Concen: 49.531 ng
RT: 11.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

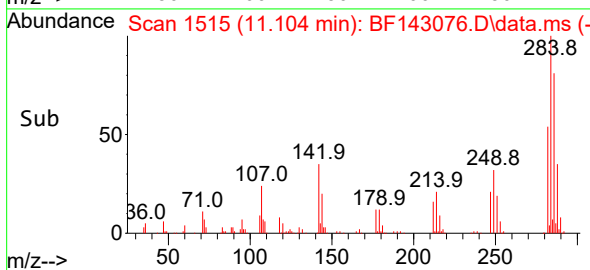
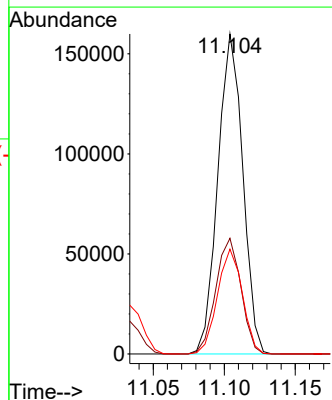
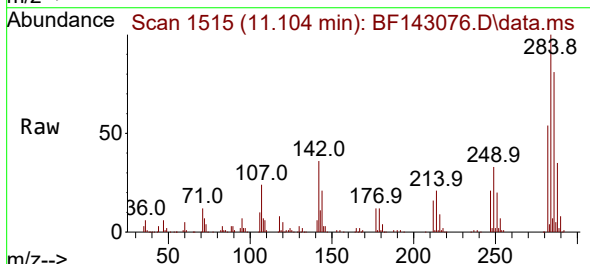
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

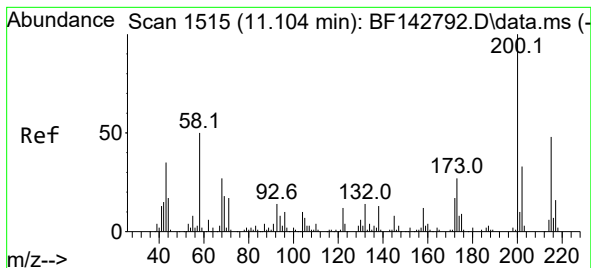
Tgt Ion:248 Resp: 196232
Ion Ratio Lower Upper
248 100
250 98.3 78.5 117.7
141 80.5 64.5 96.7



#68
Hexachlorobenzene
Concen: 48.948 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Tgt Ion:284 Resp: 195141
Ion Ratio Lower Upper
284 100
142 36.1 30.1 45.1
249 32.8 25.8 38.6





#69

Atrazine

Concen: 49.198 ng

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143076.D

Acq: 11 Jul 2025 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

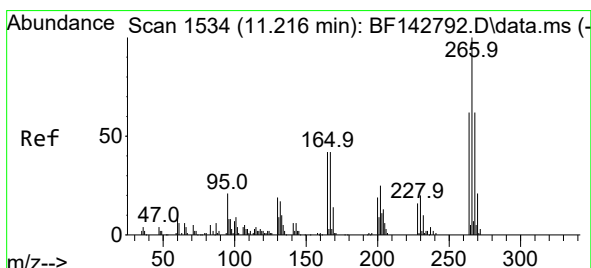
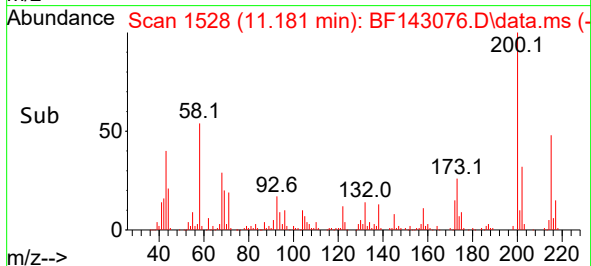
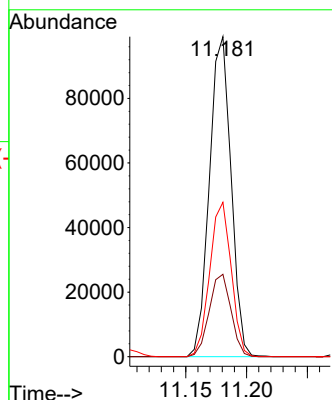
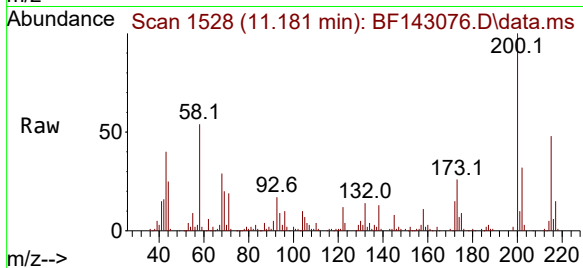
Tgt Ion:200 Resp: 122706

Ion Ratio Lower Upper

200 100

173 25.7 5.3 45.3

215 48.2 27.2 67.2



#70

Pentachlorophenol

Concen: 53.898 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.000 min

Lab File: BF143076.D

Acq: 11 Jul 2025 14:48

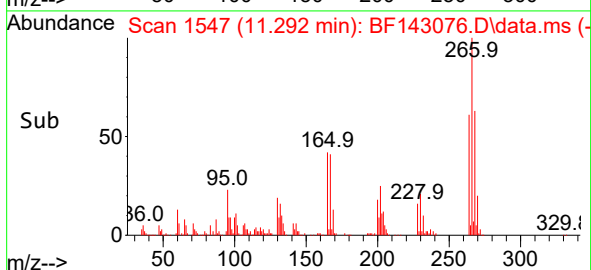
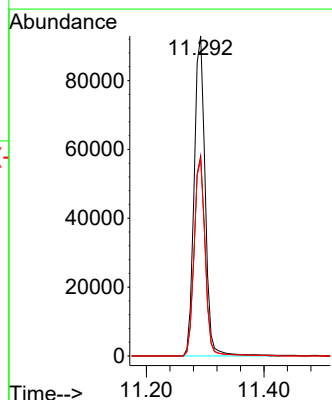
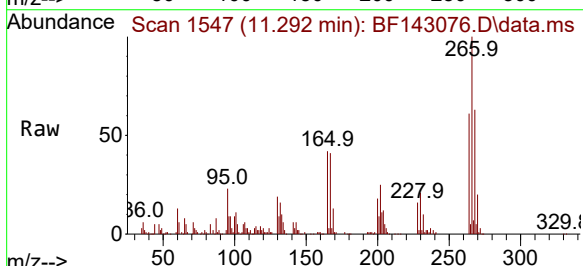
Tgt Ion:266 Resp: 120562

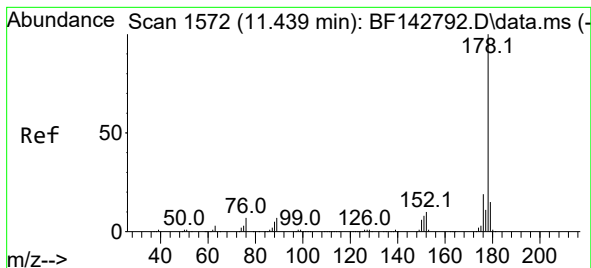
Ion Ratio Lower Upper

266 100

268 62.5 50.9 76.3

264 61.3 51.0 76.4





#71

Phenanthrene

Concen: 47.317 ng

RT: 11.516 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143076.D

Acq: 11 Jul 2025 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

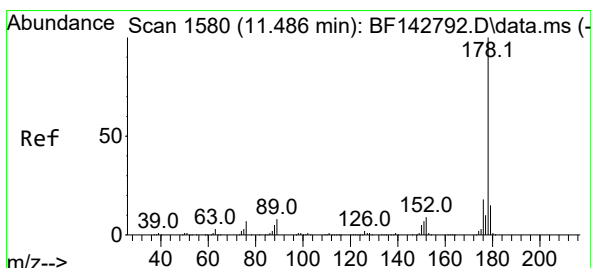
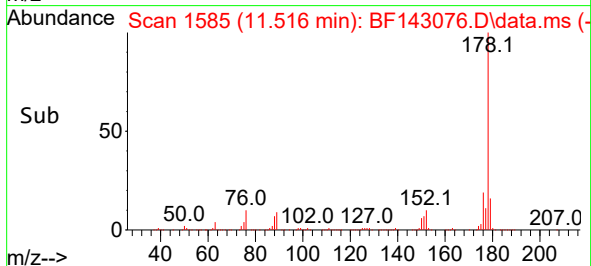
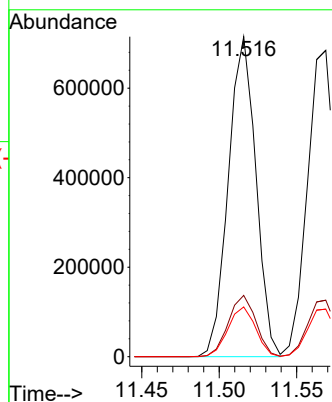
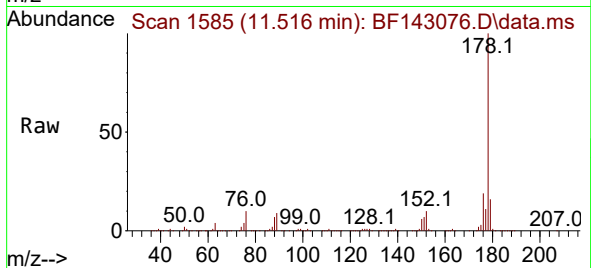
Tgt Ion:178 Resp: 883871

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.6 12.3 18.5



#72

Anthracene

Concen: 48.050 ng

RT: 11.569 min Scan# 1594

Delta R.T. 0.000 min

Lab File: BF143076.D

Acq: 11 Jul 2025 14:48

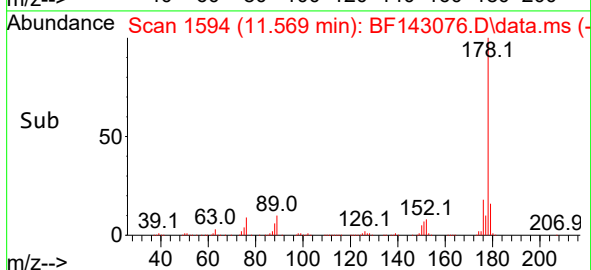
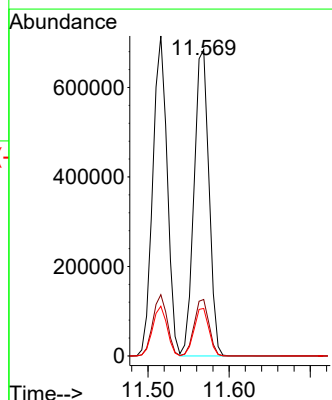
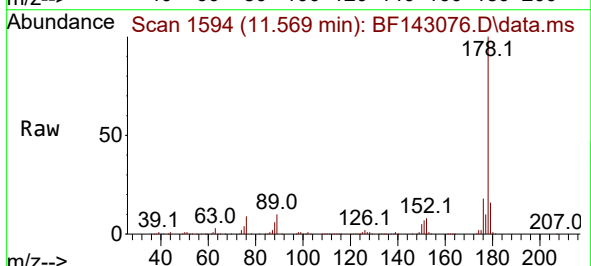
Tgt Ion:178 Resp: 874780

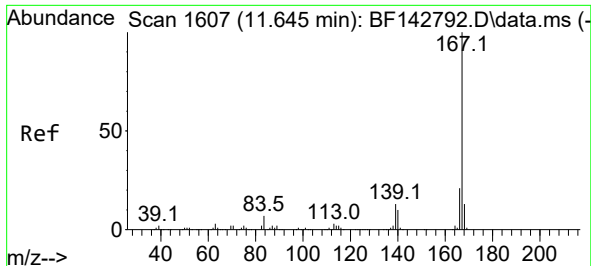
Ion Ratio Lower Upper

178 100

176 18.4 14.6 22.0

179 15.5 12.3 18.5

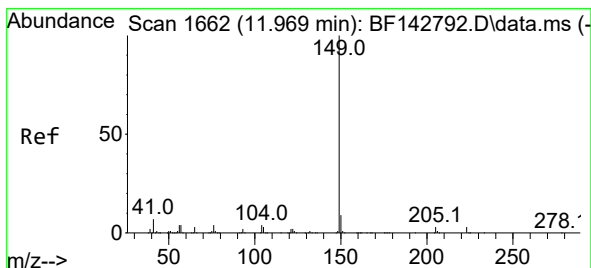
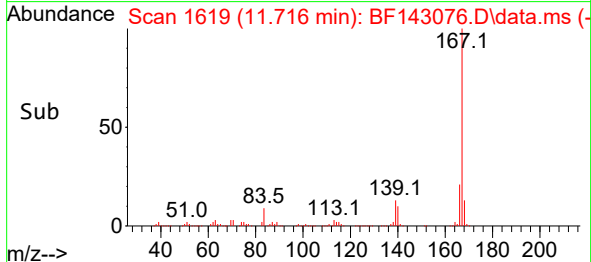
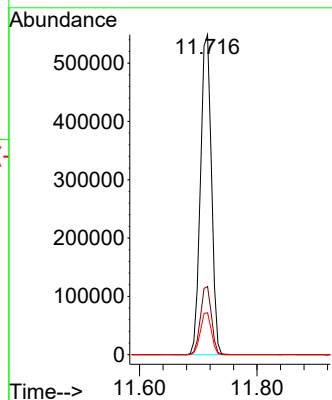
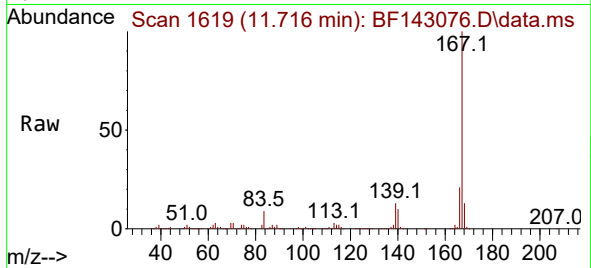




#73
Carbazole
Concen: 47.172 ng
RT: 11.716 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

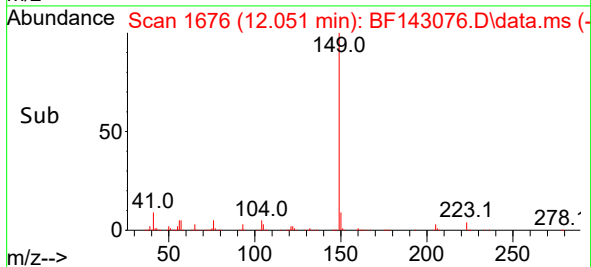
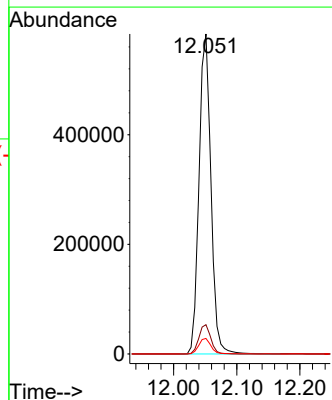
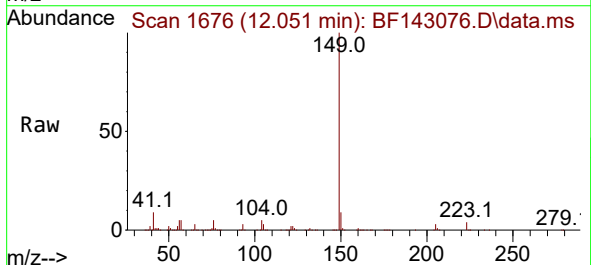
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

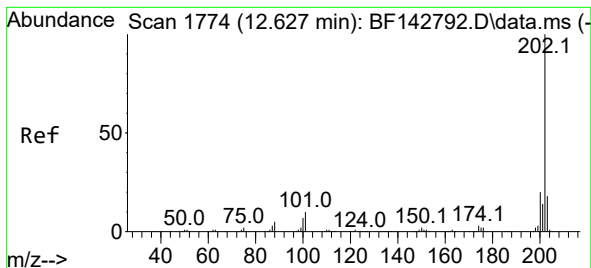
Tgt Ion:167 Resp: 709783
Ion Ratio Lower Upper
167 100
166 21.3 16.9 25.3
139 13.1 10.5 15.7



#74
Di-n-butylphthalate
Concen: 50.979 ng
RT: 12.051 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Tgt Ion:149 Resp: 760837
Ion Ratio Lower Upper
149 100
150 9.2 7.2 10.8
104 4.9 3.9 5.9





#75

Fluoranthene

Concen: 46.589 ng

RT: 12.704 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143076.D

Acq: 11 Jul 2025 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

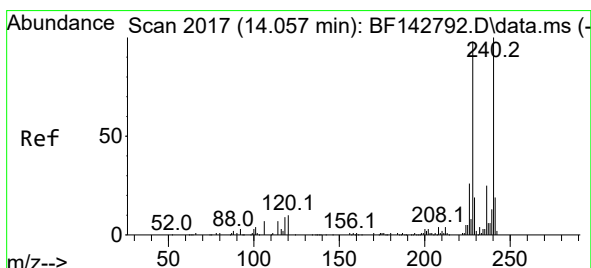
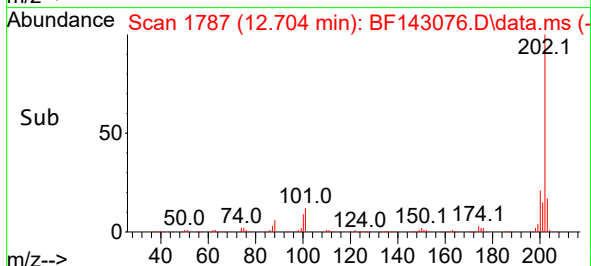
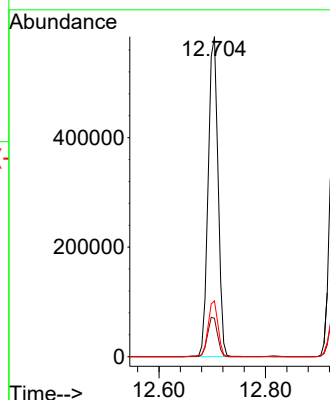
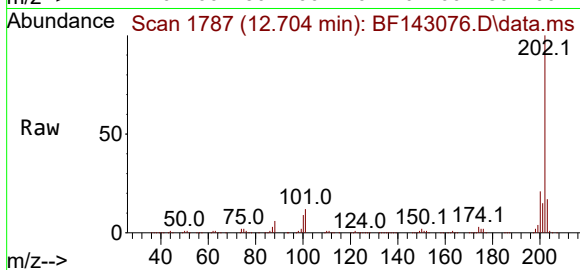
Tgt Ion:202 Resp: 748527

Ion Ratio Lower Upper

202 100

101 12.0 0.0 32.2

203 17.4 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF143076.D

Acq: 11 Jul 2025 14:48

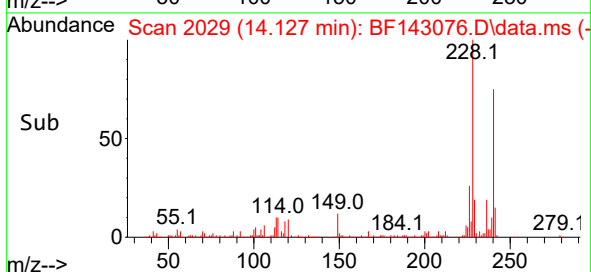
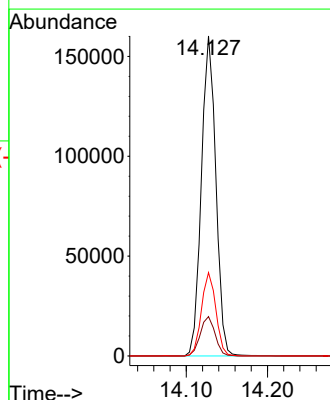
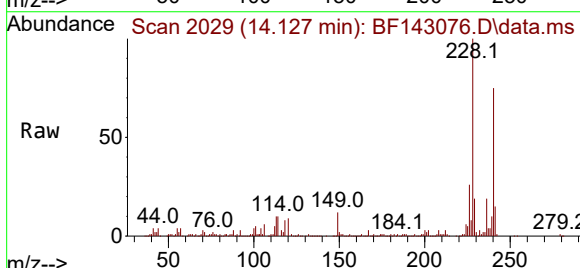
Tgt Ion:240 Resp: 198372

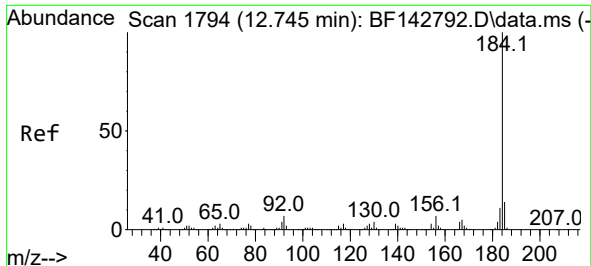
Ion Ratio Lower Upper

240 100

120 12.3 9.6 14.4

236 26.0 19.8 29.6

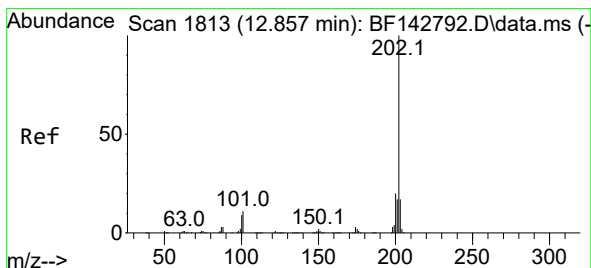
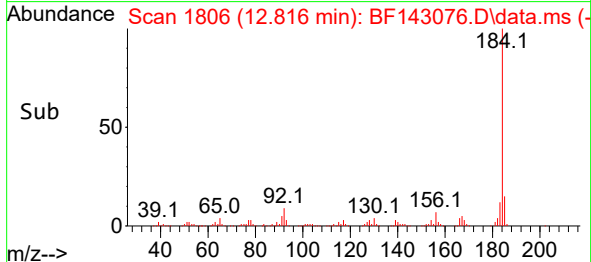
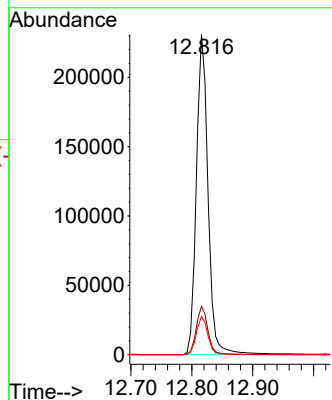
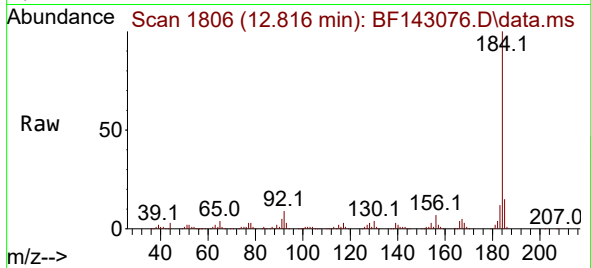




#77
Benzidine
Concen: 78.051 ng
RT: 12.816 min Scan# 1806
Delta R.T. 0.001 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

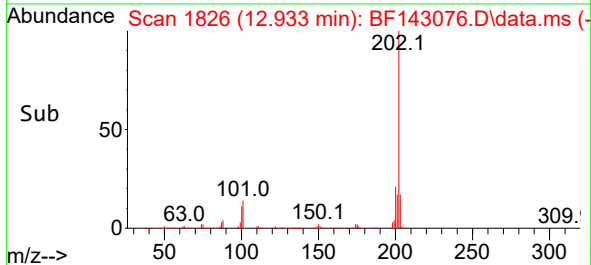
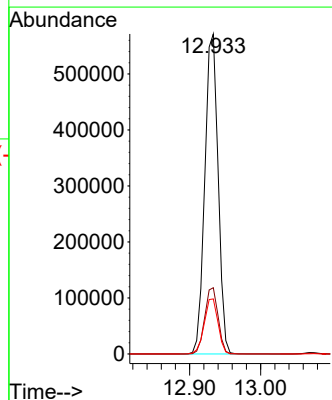
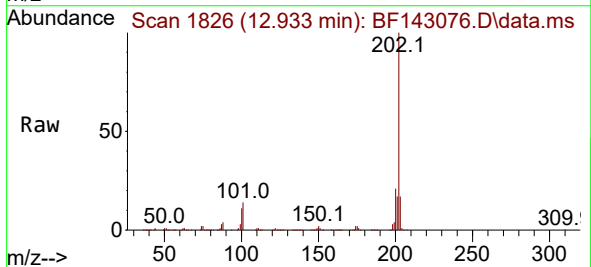
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

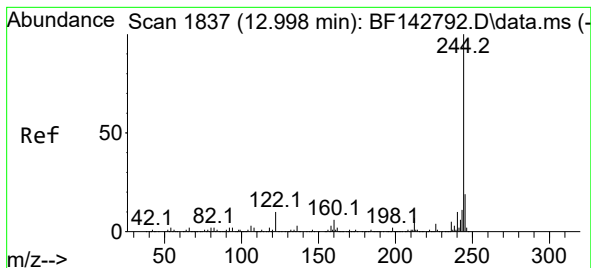
Tgt Ion:184 Resp: 307292
Ion Ratio Lower Upper
184 100
185 15.1 12.1 18.1
183 11.9 9.2 13.8



#78
Pyrene
Concen: 43.056 ng
RT: 12.933 min Scan# 1826
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Tgt Ion:202 Resp: 746182
Ion Ratio Lower Upper
202 100
200 20.7 16.5 24.7
203 17.2 13.9 20.9





#79

Terphenyl-d14

Concen: 86.914 ng

RT: 13.075 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143076.D

Acq: 11 Jul 2025 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

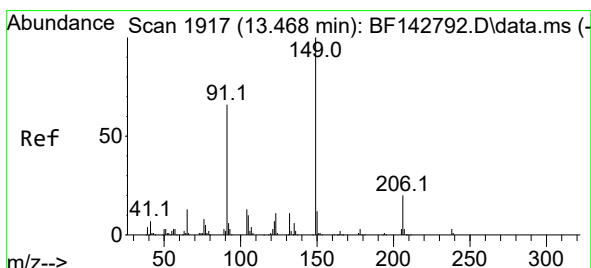
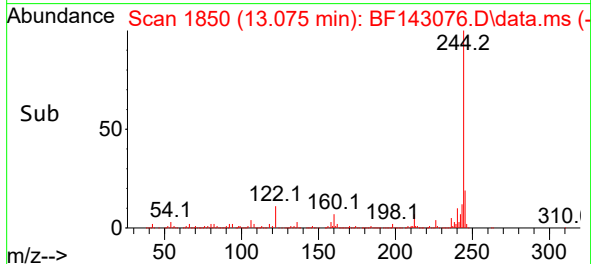
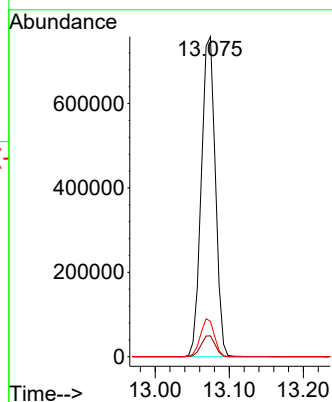
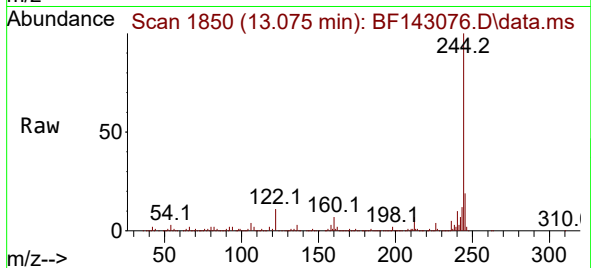
Tgt Ion:244 Resp: 997981

Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

122 11.1 9.0 13.4



#80

Butylbenzylphthalate

Concen: 48.177 ng

RT: 13.545 min Scan# 1930

Delta R.T. 0.000 min

Lab File: BF143076.D

Acq: 11 Jul 2025 14:48

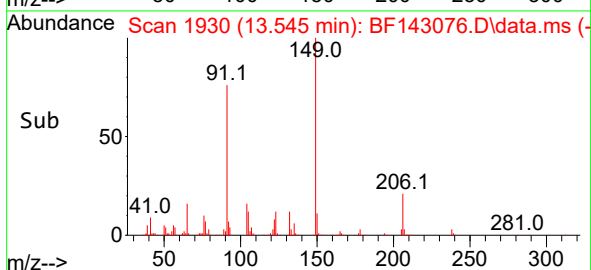
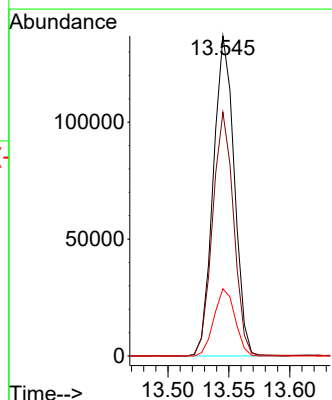
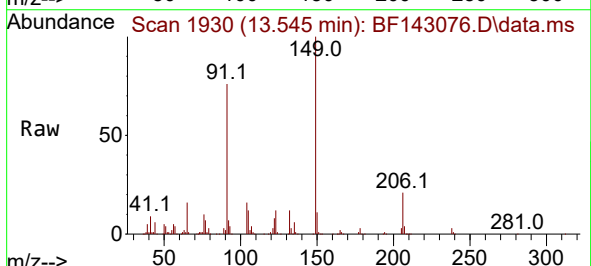
Tgt Ion:149 Resp: 164124

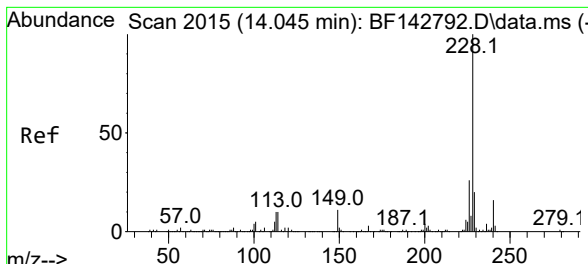
Ion Ratio Lower Upper

149 100

91 76.2 61.5 92.3

206 21.0 16.2 24.2

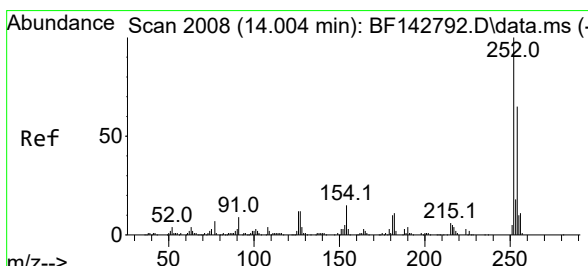
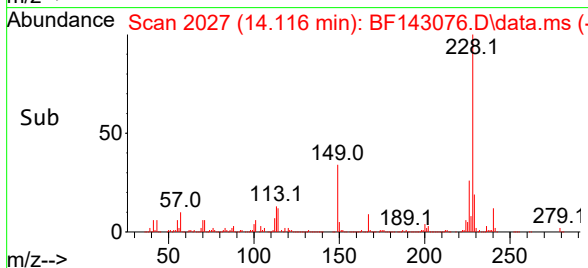
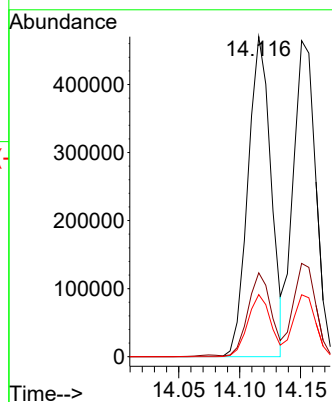
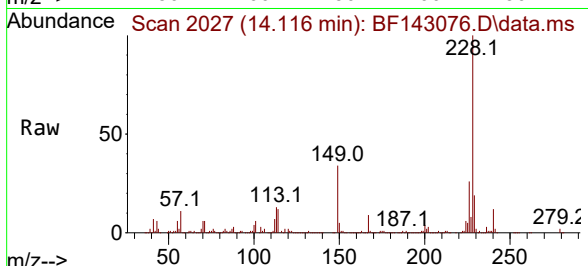




#81
Benzo(a)anthracene
Concen: 48.925 ng
RT: 14.116 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

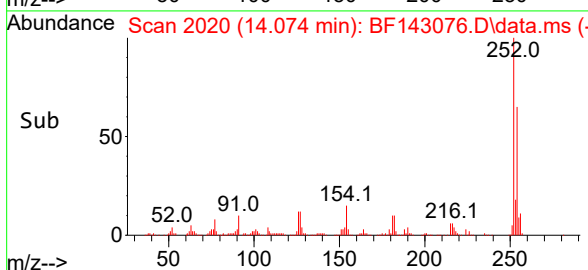
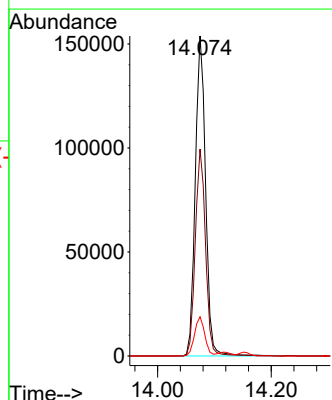
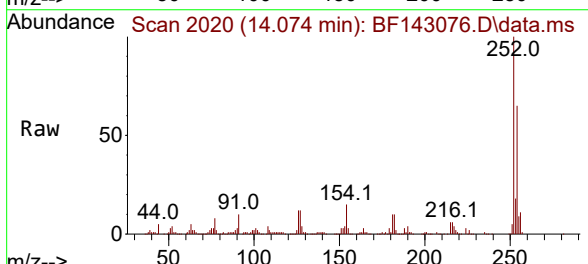
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

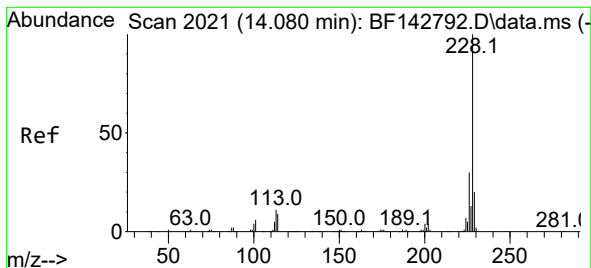
Tgt Ion:228 Resp: 620859
Ion Ratio Lower Upper
228 100
226 26.2 21.1 31.7
229 19.4 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 55.829 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Tgt Ion:252 Resp: 195200
Ion Ratio Lower Upper
252 100
254 64.7 51.2 76.8
126 12.3 10.1 15.1





#83

Chrysene

Concen: 50.243 ng

RT: 14.151 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF143076.D

Acq: 11 Jul 2025 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

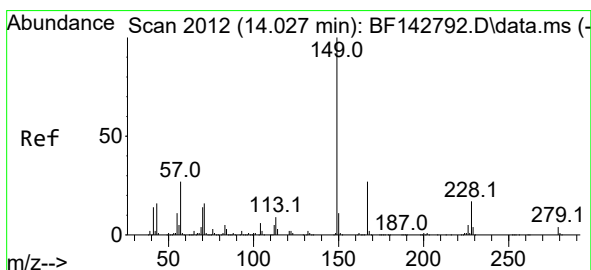
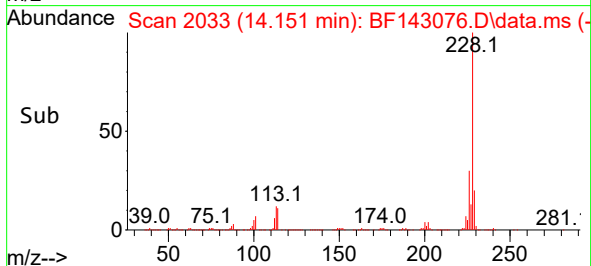
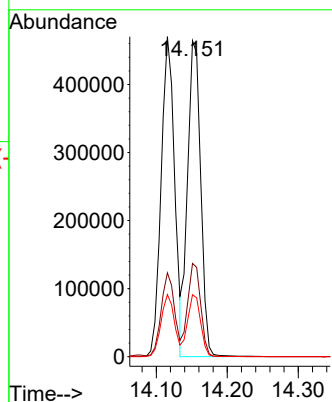
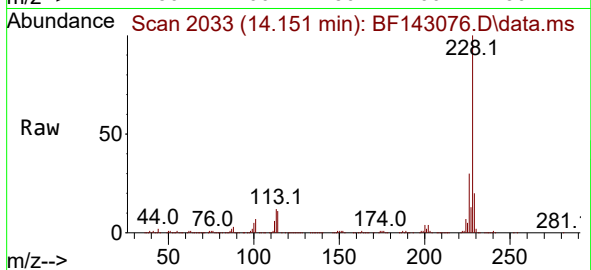
Tgt Ion:228 Resp: 597899

Ion Ratio Lower Upper

228 100

226 29.5 23.4 35.2

229 19.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.613 ng

RT: 14.110 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF143076.D

Acq: 11 Jul 2025 14:48

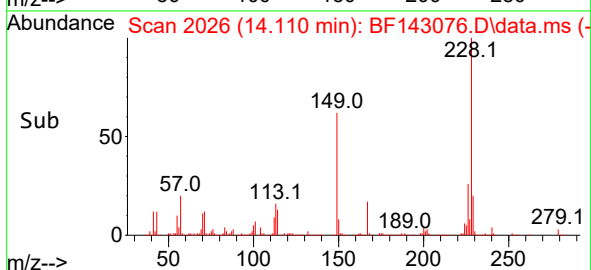
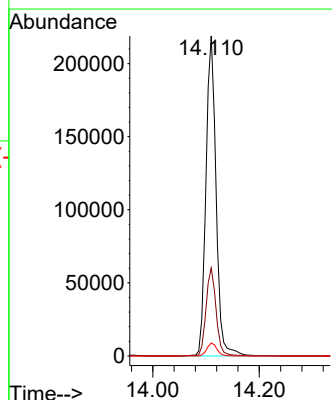
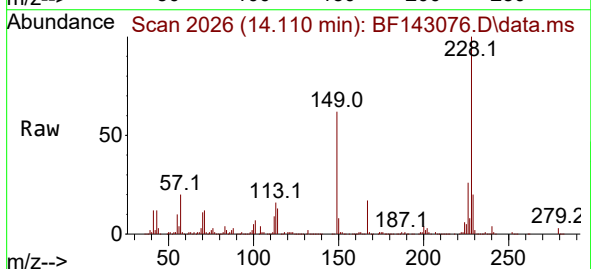
Tgt Ion:149 Resp: 289168

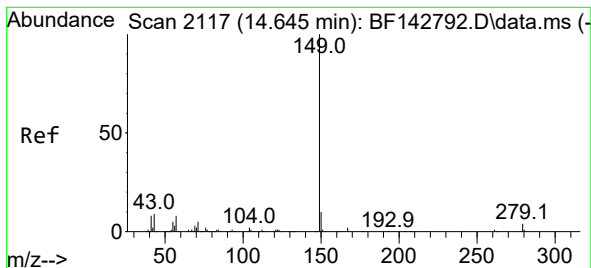
Ion Ratio Lower Upper

149 100

167 27.5 21.9 32.9

279 4.1 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 50.320 ng

RT: 14.727 min Scan# 2117

Delta R.T. 0.000 min

Lab File: BF143076.D

Acq: 11 Jul 2025 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

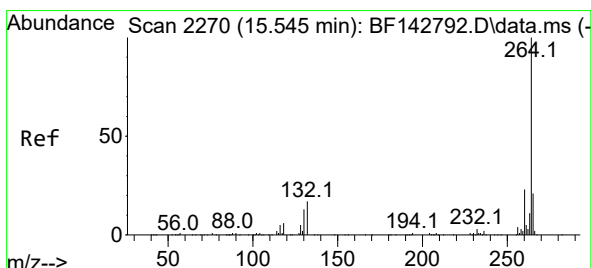
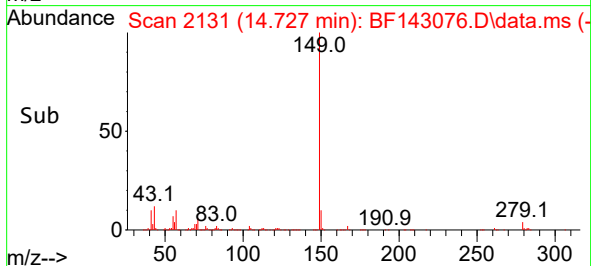
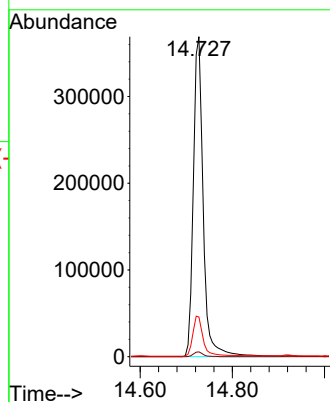
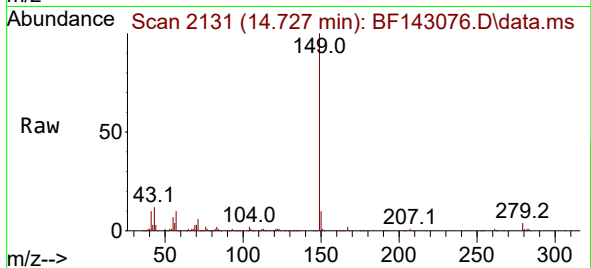
Tgt Ion:149 Resp: 547806

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 13.6 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.633 min Scan# 2285

Delta R.T. 0.000 min

Lab File: BF143076.D

Acq: 11 Jul 2025 14:48

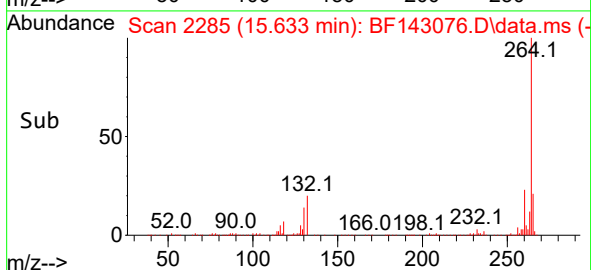
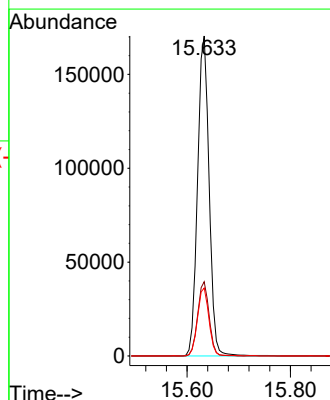
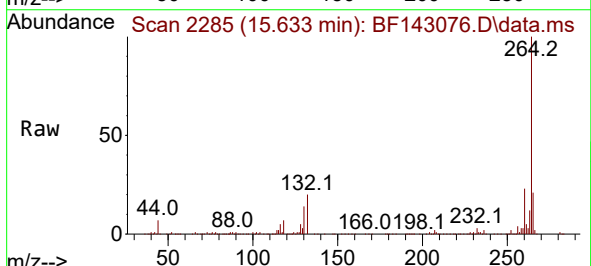
Tgt Ion:264 Resp: 263801

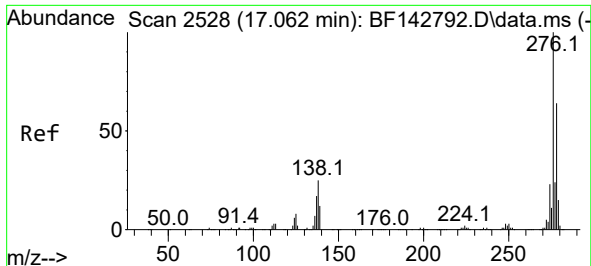
Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.3 17.0 25.6

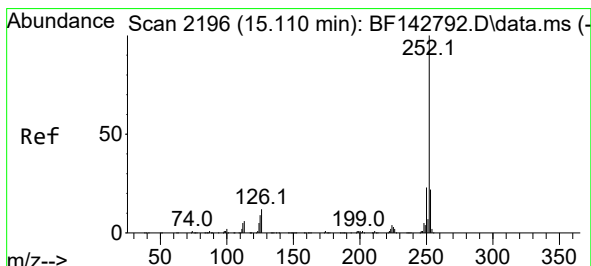
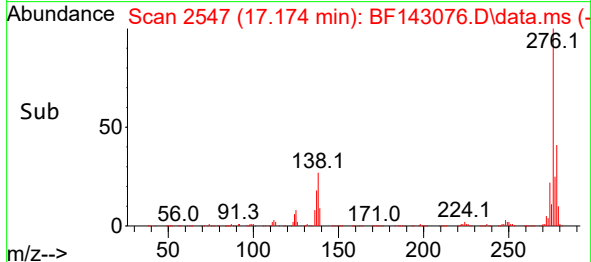
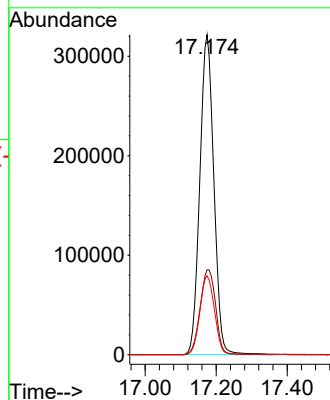
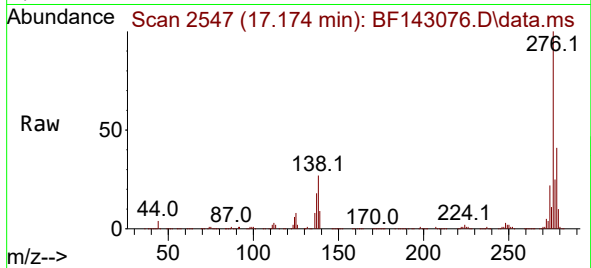




#87
Indeno(1,2,3-cd)pyrene
Concen: 48.867 ng
RT: 17.174 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

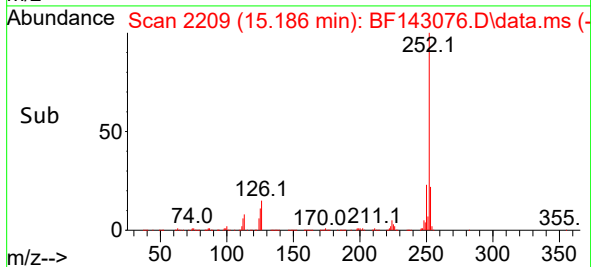
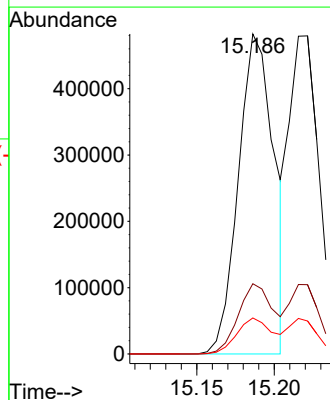
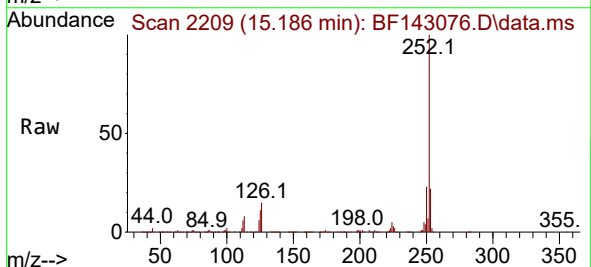
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

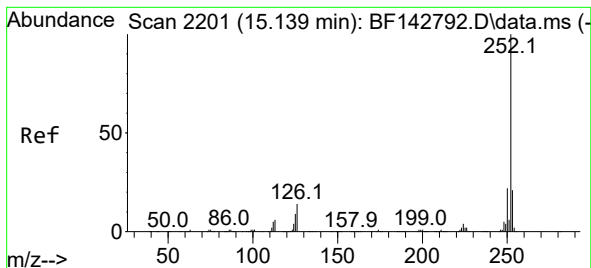
Tgt Ion:276 Resp: 885920
Ion Ratio Lower Upper
276 100
138 29.2 23.8 35.6
277 25.5 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 49.633 ng
RT: 15.186 min Scan# 2209
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Tgt Ion:252 Resp: 770403
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 11.2 8.7 13.1





#89

Benzo(k)fluoranthene

Concen: 47.533 ng

RT: 15.221 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143076.D

Acq: 11 Jul 2025 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

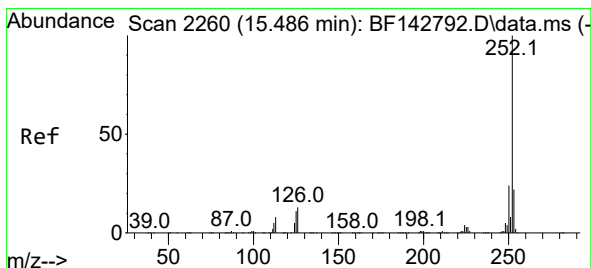
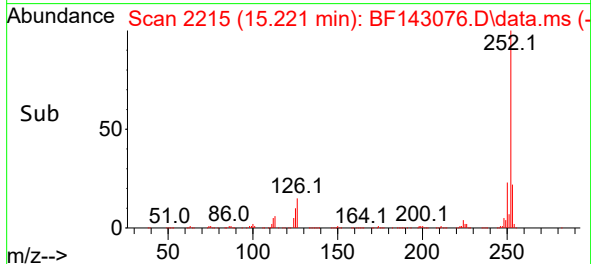
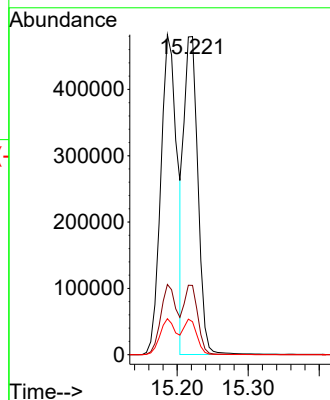
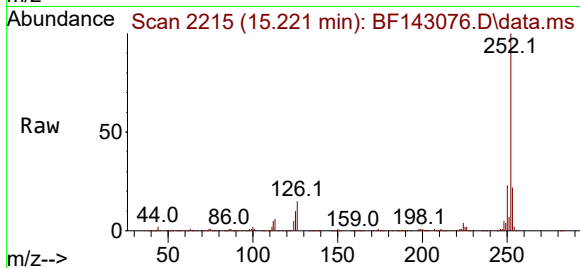
Tgt Ion:252 Resp: 651600

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 10.3 9.0 13.4



#90

Benzo(a)pyrene

Concen: 49.905 ng

RT: 15.568 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF143076.D

Acq: 11 Jul 2025 14:48

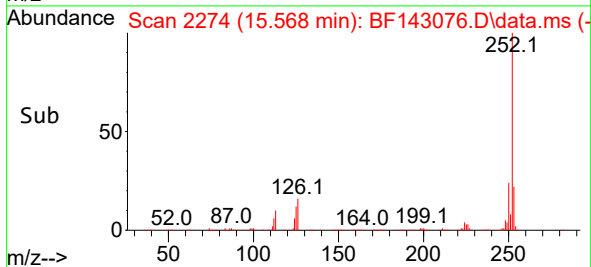
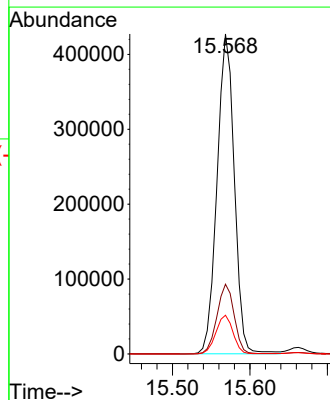
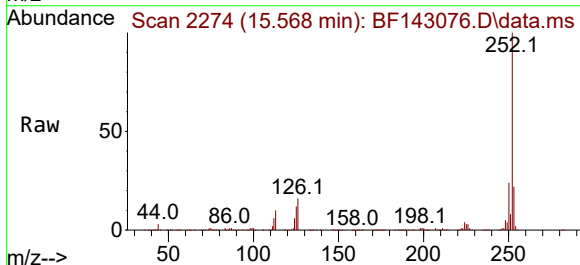
Tgt Ion:252 Resp: 661879

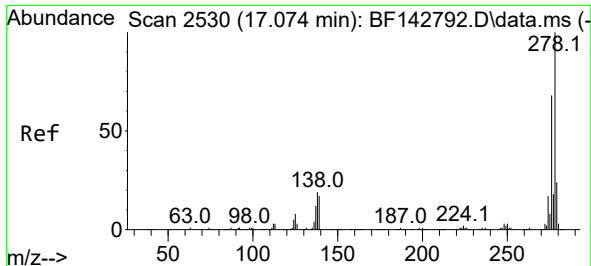
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 12.1 9.7 14.5

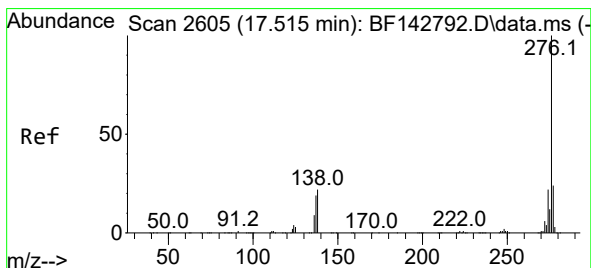
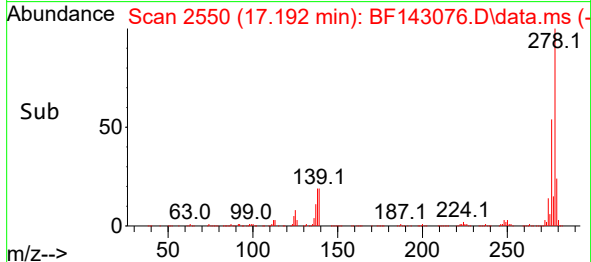
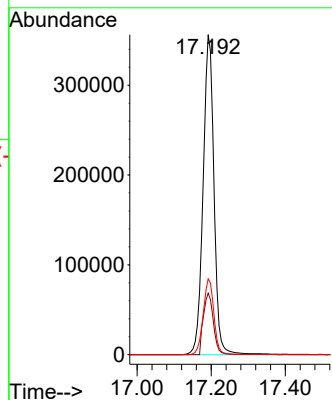
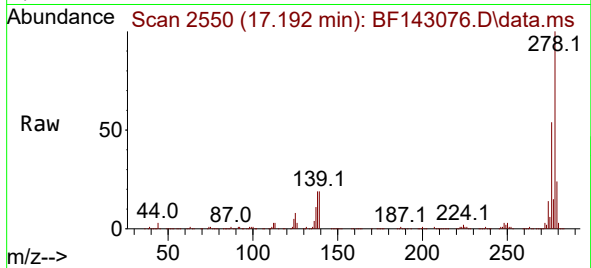




#91
Dibenzo(a,h)anthracene
Concen: 49.078 ng
RT: 17.192 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 726523
Ion Ratio Lower Upper
278 100
139 19.2 15.0 22.6
279 23.7 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 48.692 ng
RT: 17.639 min Scan# 2626
Delta R.T. 0.000 min
Lab File: BF143076.D
Acq: 11 Jul 2025 14:48

Tgt Ion:276 Resp: 758232
Ion Ratio Lower Upper
276 100
277 23.6 18.6 27.8
138 25.5 20.5 30.7

