

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071125\
 Data File : BF143075.D
 Acq On : 11 Jul 2025 14:18
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Jul 11 17:40:13 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	143298	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	555718	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	279522	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	411774	20.000	ng	0.00
76) Chrysene-d12	14.127	240	215787	20.000	ng	0.00
86) Perylene-d12	15.633	264	257944	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	701735	77.797	ng	0.00
7) Phenol-d6	6.586	99	889188	77.911	ng	0.00
23) Nitrobenzene-d5	7.528	82	628469	80.815	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	175794	84.970	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1343133	75.526	ng	0.00
79) Terphenyl-d14	13.074	244	977528	78.262	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.798	88	165332	38.998	ng	100
3) Pyridine	3.575	79	399897	38.453	ng	100
4) n-Nitrosodimethylamine	3.516	42	229145	39.713	ng	100
6) Aniline	6.628	93	443647	39.029	ng	100
8) 2-Chlorophenol	6.751	128	357461	39.311	ng	100
9) Benzaldehyde	6.516	77	266044	38.949	ng	100
10) Phenol	6.598	94	458252m	38.716	ng	
11) bis(2-Chloroethyl)ether	6.698	93	362736	39.043	ng	100
12) 1,3-Dichlorobenzene	6.910	146	394044	38.437	ng	100
13) 1,4-Dichlorobenzene	6.986	146	396659	38.630	ng	100
14) 1,2-Dichlorobenzene	7.139	146	368463	38.550	ng	100
15) Benzyl Alcohol	7.098	79	339087	39.763	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.239	45	660952	39.045	ng	100
17) 2-Methylphenol	7.204	107	290616	38.675	ng	100
18) Hexachloroethane	7.486	117	132729	40.175	ng	100
19) n-Nitroso-di-n-propyla...	7.375	70	265524	37.803	ng	100
20) 3+4-Methylphenols	7.363	107	366285	39.462	ng	100
22) Acetophenone	7.369	105	497275	38.306	ng	100
24) Nitrobenzene	7.545	77	348089	42.942	ng	100
25) Isophorone	7.781	82	657622	38.949	ng	100
26) 2-Nitrophenol	7.863	139	110697	38.855	ng	100
27) 2,4-Dimethylphenol	7.892	122	243592	39.803	ng	100
28) bis(2-Chloroethoxy)met...	7.992	93	428556	38.593	ng	100
29) 2,4-Dichlorophenol	8.098	162	292310	40.622	ng	100
30) 1,2,4-Trichlorobenzene	8.192	180	323813	39.229	ng	100
31) Naphthalene	8.275	128	1051416	38.282	ng	100
32) Benzoic acid	7.986	122	127995m	39.121	ng	
33) 4-Chloroaniline	8.310	127	354670	38.224	ng	100
34) Hexachlorobutadiene	8.392	225	187683	38.748	ng	100
35) Caprolactam	8.675	113	82708	40.996	ng	100
36) 4-Chloro-3-methylphenol	8.786	107	314940	40.697	ng	100
37) 2-Methylnaphthalene	8.963	142	687743	38.316	ng	100
38) 1-Methylnaphthalene	9.063	142	668800	38.717	ng	100
40) 1,2,4,5-Tetrachloroben...	9.127	216	317266	38.751	ng	100
41) Hexachlorocyclopentadiene	9.122	237	81680	39.990	ng	100
43) 2,4,6-Trichlorophenol	9.233	196	191890	41.938	ng	100

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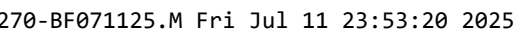
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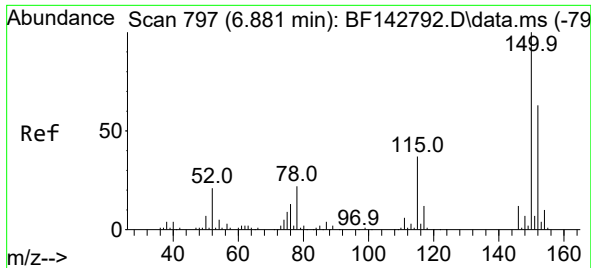
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	200793	42.098	ng	100
46) 1,1'-Biphenyl	9.427	154	843556	38.432	ng	100
47) 2-Chloronaphthalene	9.451	162	613392	38.587	ng	100
48) 2-Nitroaniline	9.533	65	140328	37.197	ng	100
49) Acenaphthylene	9.869	152	904162	38.744	ng	100
50) Dimethylphthalate	9.722	163	687671	39.588	ng	100
51) 2,6-Dinitrotoluene	9.774	165	113376	37.864	ng	100
52) Acenaphthene	10.039	154	606907	38.612	ng	100
53) 3-Nitroaniline	9.945	138	124149	38.359	ng	100
54) 2,4-Dinitrophenol	10.045	184	23760	39.144	ng	100
55) Dibenzofuran	10.210	168	890663	38.800	ng	100
56) 4-Nitrophenol	10.086	139	92485	39.279	ng	100
57) 2,4-Dinitrotoluene	10.180	165	123446	37.765	ng	100
58) Fluorene	10.551	166	644286	38.342	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	163013	42.417	ng	100
60) Diethylphthalate	10.422	149	640618	40.080	ng	100
61) 4-Chlorophenyl-phenyle...	10.545	204	323010	38.675	ng	100
62) 4-Nitroaniline	10.557	138	103765	39.379	ng	100
63) Azobenzene	10.704	77	715945	39.346	ng	100
65) 4,6-Dinitro-2-methylph...	10.586	198	40897	38.685	ng	100
66) n-Nitrosodiphenylamine	10.657	169	546819	38.646	ng	100
67) 4-Bromophenyl-phenylether	11.033	248	186701	39.009	ng	100
68) Hexachlorobenzene	11.104	284	187107	38.851	ng	100
69) Atrazine	11.180	200	117162	38.885	ng	100
70) Pentachlorophenol	11.292	266	110915	41.046	ng	100
71) Phenanthrene	11.516	178	867458	38.441	ng	100
72) Anthracene	11.568	178	850797	38.684	ng	100
73) Carbazole	11.716	167	714100	39.285	ng	100
74) Di-n-butylphthalate	12.051	149	761959	42.262	ng	100
75) Fluoranthene	12.704	202	751803	38.734	ng	100
77) Benzidine	12.815	184	187067	43.680	ng	100
78) Pyrene	12.933	202	745742	39.557	ng	100
80) Butylbenzylphthalate	13.545	149	137404	37.940	ng	100
81) Benzo(a)anthracene	14.115	228	532168	38.552	ng	100
82) 3,3'-Dichlorobenzidine	14.074	252	148718	39.102	ng	100
83) Chrysene	14.151	228	514750	39.765	ng	100
84) Bis(2-ethylhexyl)phtha...	14.110	149	226631	41.509	ng	100
85) Di-n-octyl phthalate	14.727	149	406207	36.381	ng	100
87) Indeno(1,2,3-cd)pyrene	17.174	276	718363	40.524	ng	100
88) Benzo(b)fluoranthene	15.186	252	633801	41.759	ng	100
89) Benzo(k)fluoranthene	15.215	252	514118	38.355	ng	100
90) Benzo(a)pyrene	15.568	252	528294	40.737	ng	100
91) Dibenzo(a,h)anthracene	17.192	278	592066	40.903	ng	100
92) Benzo(g,h,i)perylene	17.639	276	616695	40.502	ng	100

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

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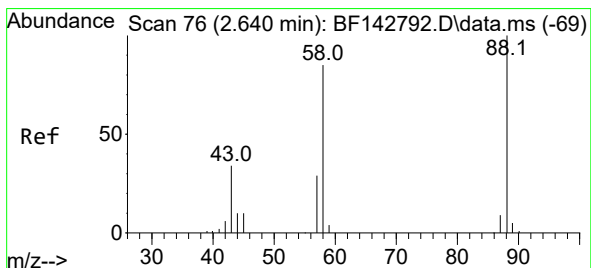
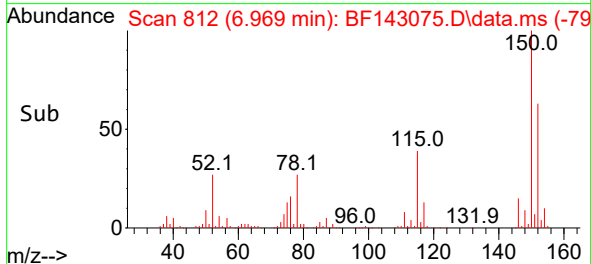
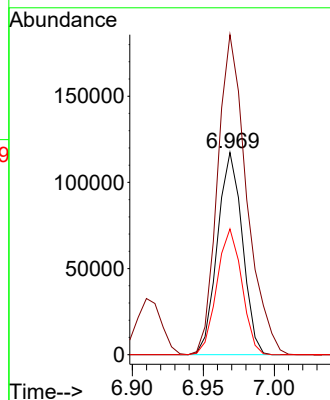
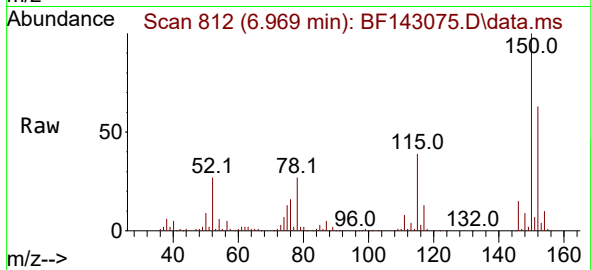




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.969 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF143075.D
 Acq: 11 Jul 2025 14:18

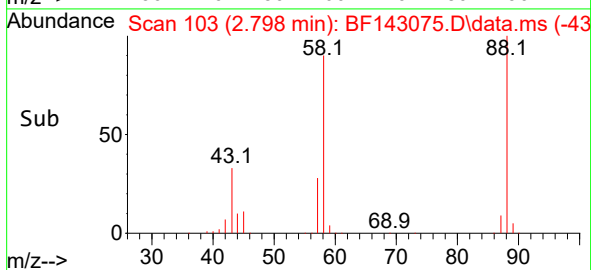
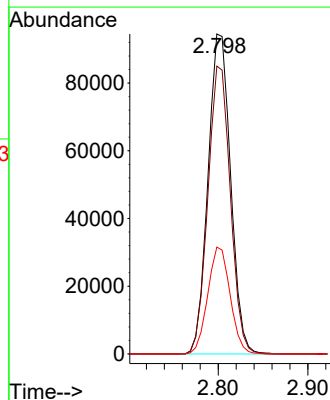
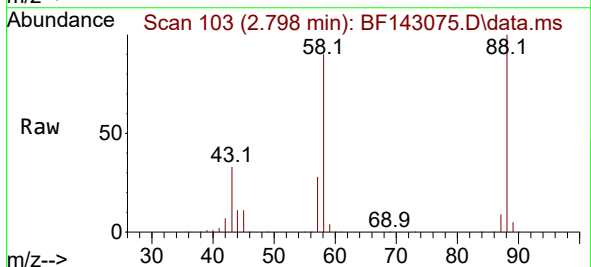
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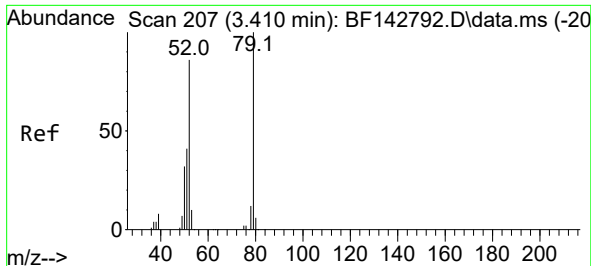
Tgt Ion:152 Resp: 143298
 Ion Ratio Lower Upper
 152 100
 150 158.3 126.6 190.0
 115 62.2 49.8 74.6



#2
 1,4-Dioxane
 Concen: 38.998 ng
 RT: 2.798 min Scan# 103
 Delta R.T. 0.000 min
 Lab File: BF143075.D
 Acq: 11 Jul 2025 14:18

Tgt Ion: 88 Resp: 165332
 Ion Ratio Lower Upper
 88 100
 58 89.4 71.5 107.3
 43 33.0 26.4 39.6





#3

Pyridine

Concen: 38.453 ng

RT: 3.575 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143075.D

Acq: 11 Jul 2025 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

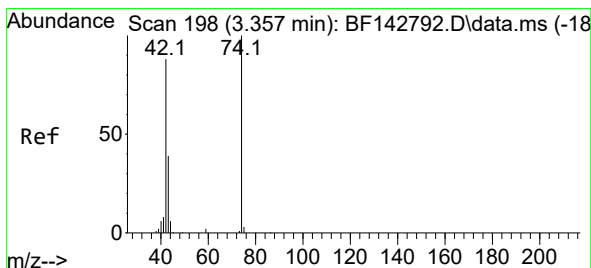
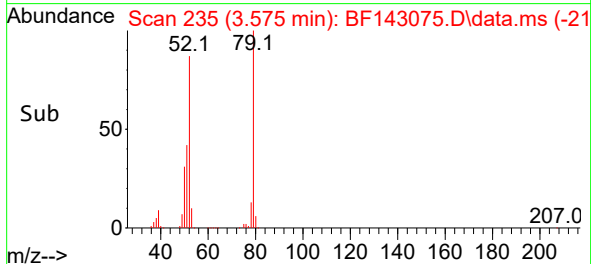
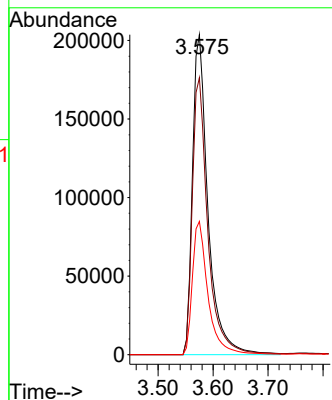
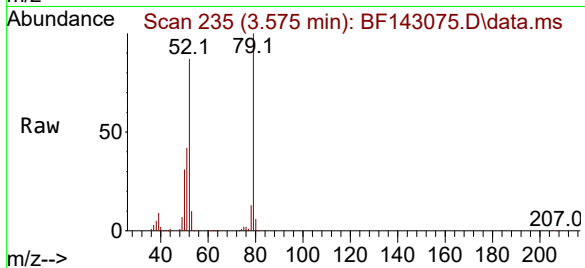
Tgt Ion: 79 Resp: 399897

Ion Ratio Lower Upper

79 100

52 86.6 69.3 103.9

51 41.7 33.4 50.0



#4

n-Nitrosodimethylamine

Concen: 39.713 ng

RT: 3.516 min Scan# 225

Delta R.T. 0.000 min

Lab File: BF143075.D

Acq: 11 Jul 2025 14:18

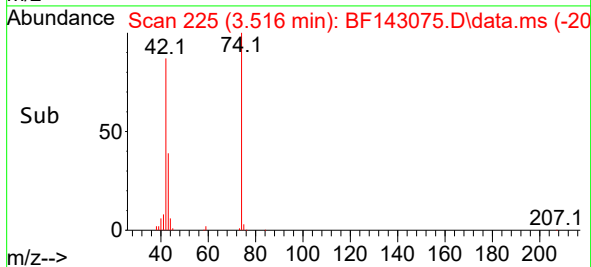
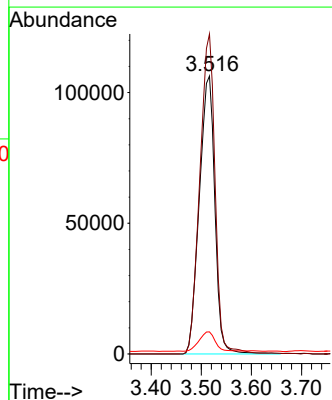
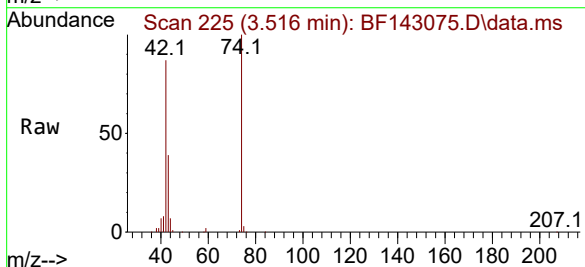
Tgt Ion: 42 Resp: 229145

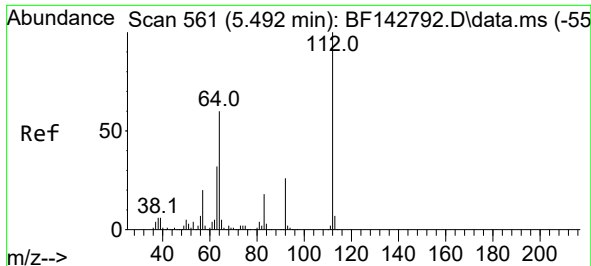
Ion Ratio Lower Upper

42 100

74 115.2 92.2 138.2

44 7.9 6.3 9.5

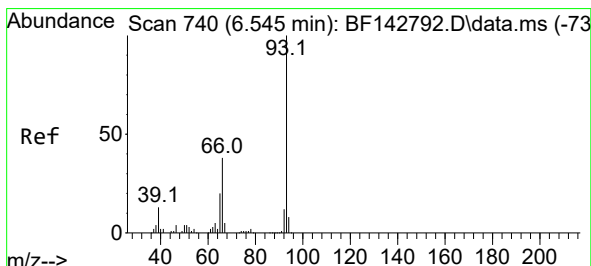
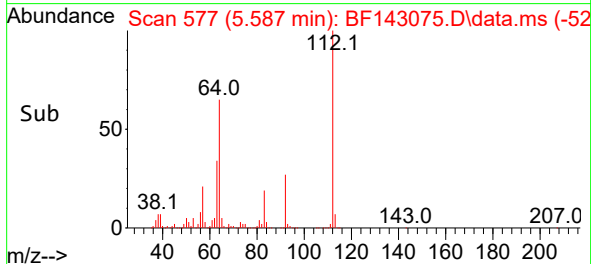
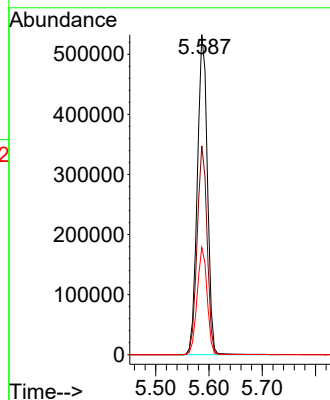
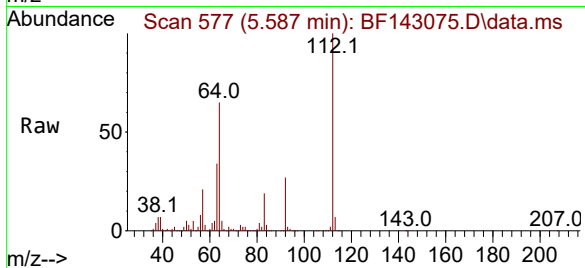




#5
2-Fluorophenol
Concen: 77.797 ng
RT: 5.587 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

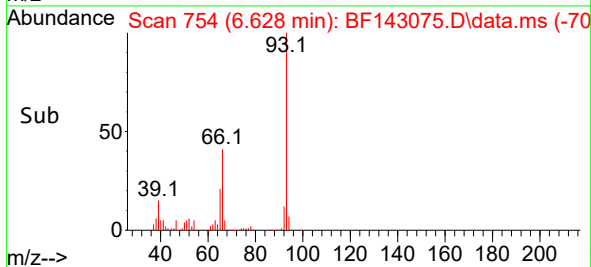
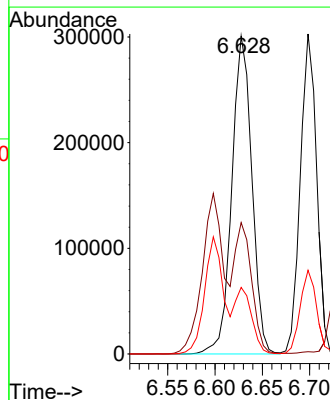
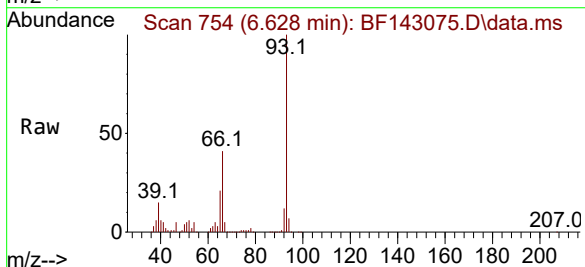
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ClientSampleId :
SSTDICCC040

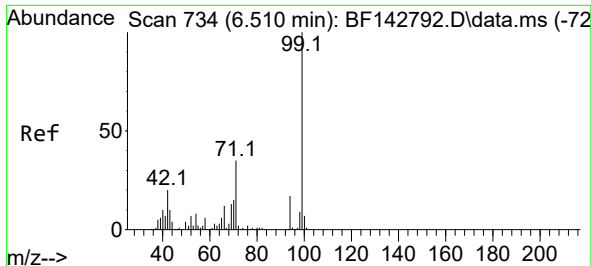
Tgt Ion:112 Resp: 701735
Ion Ratio Lower Upper
112 100
64 65.3 52.2 78.4
63 33.5 26.8 40.2



#6
Aniline
Concen: 39.029 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

Tgt Ion: 93 Resp: 443647
Ion Ratio Lower Upper
93 100
66 41.3 33.0 49.6
65 21.0 16.8 25.2





#7

Phenol-d6

Concen: 77.911 ng

RT: 6.586 min Scan# 747

Delta R.T. 0.000 min

Lab File: BF143075.D

Acq: 11 Jul 2025 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

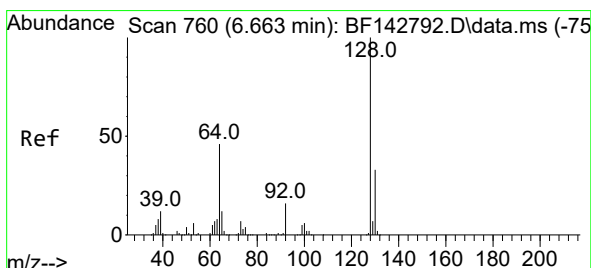
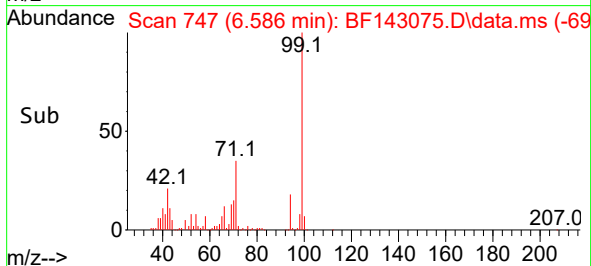
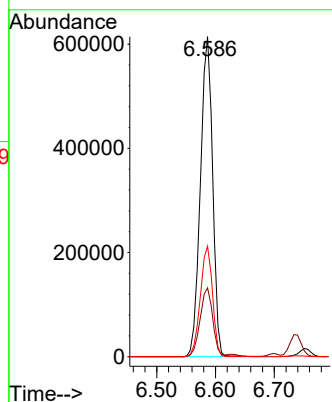
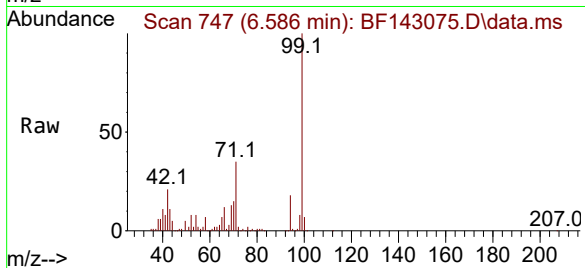
Tgt Ion: 99 Resp: 889188

Ion Ratio Lower Upper

99 100

42 21.5 17.2 25.8

71 34.6 27.7 41.5



#8

2-Chlorophenol

Concen: 39.311 ng

RT: 6.751 min Scan# 775

Delta R.T. 0.000 min

Lab File: BF143075.D

Acq: 11 Jul 2025 14:18

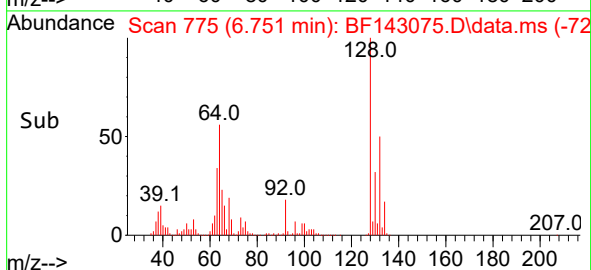
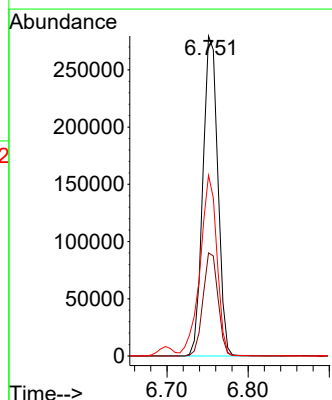
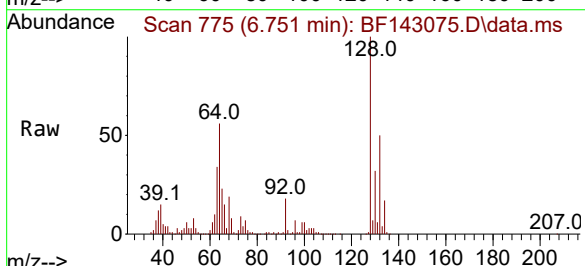
Tgt Ion:128 Resp: 357461

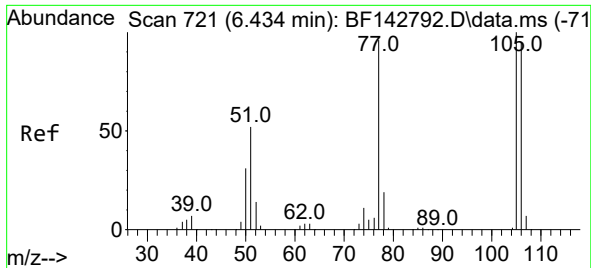
Ion Ratio Lower Upper

128 100

130 32.2 12.2 52.2

64 56.5 36.5 76.5

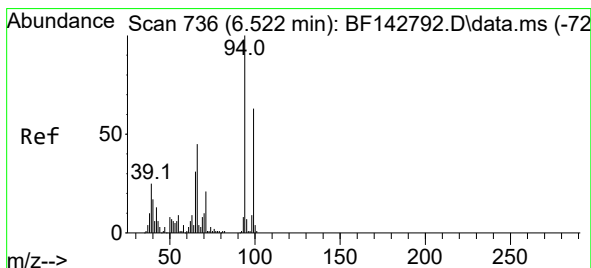
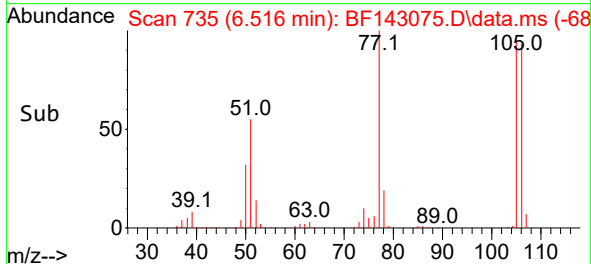
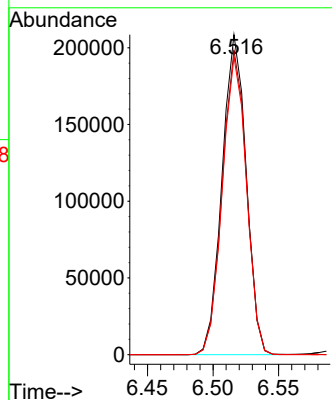
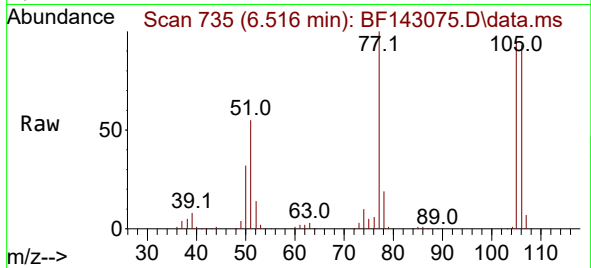




#9
Benzaldehyde
Concen: 38.949 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

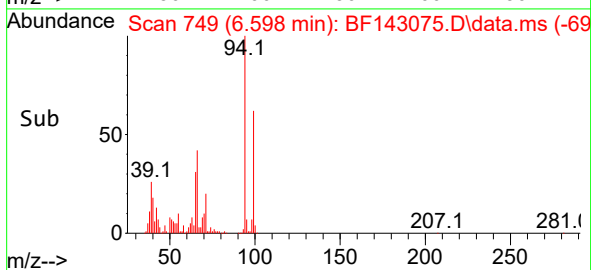
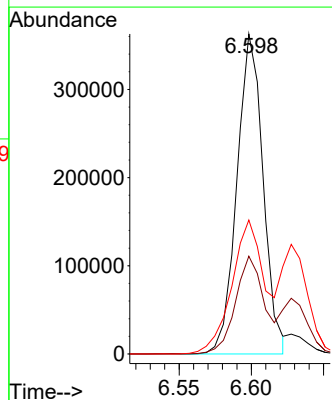
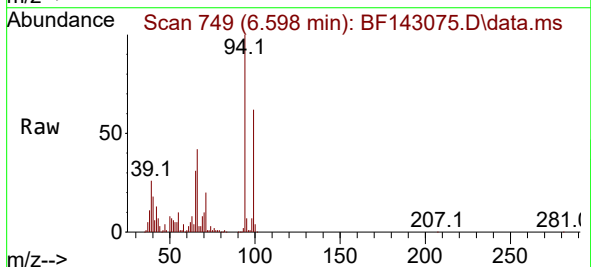
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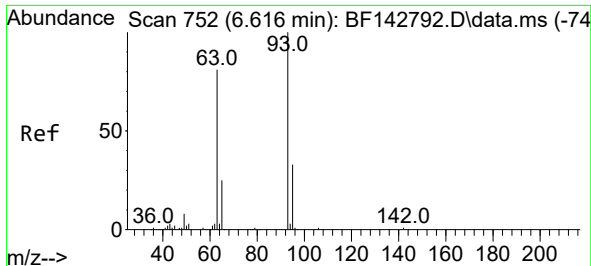
Tgt Ion: 77 Resp: 266044
Ion Ratio Lower Upper
77 100
105 95.1 75.1 115.1
106 93.0 73.0 113.0



#10
Phenol
Concen: 38.716 ng m
RT: 6.598 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

Tgt Ion: 94 Resp: 458252
Ion Ratio Lower Upper
94 100
65 30.6 10.6 50.6
66 41.9 21.9 61.9

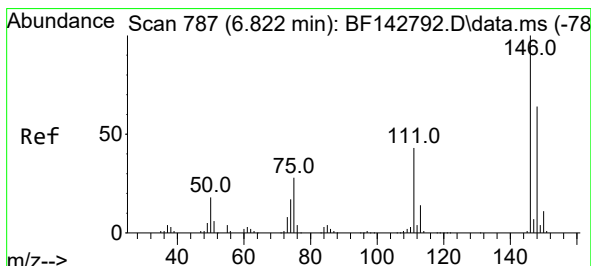
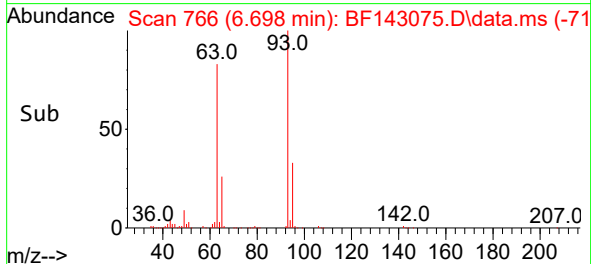
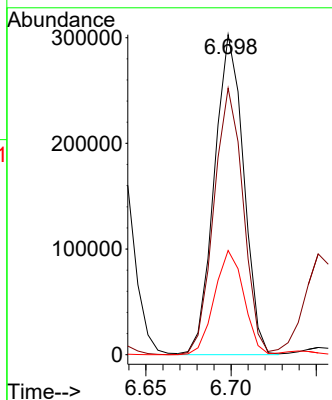
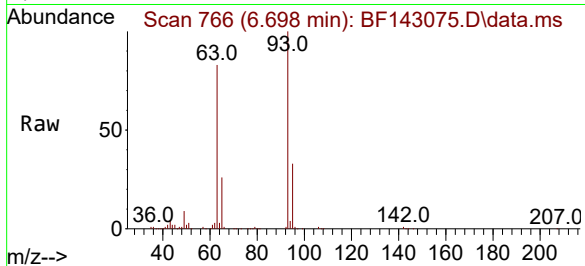




#11
bis(2-Chloroethyl)ether
Concen: 39.043 ng
RT: 6.698 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

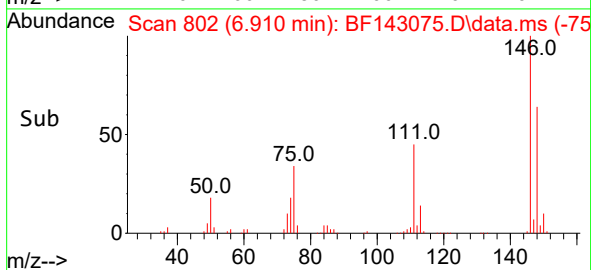
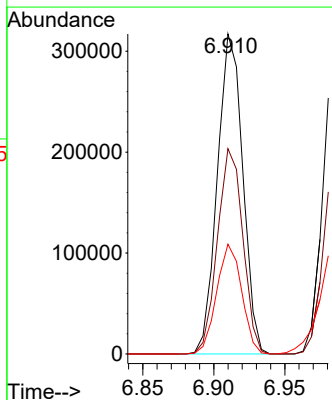
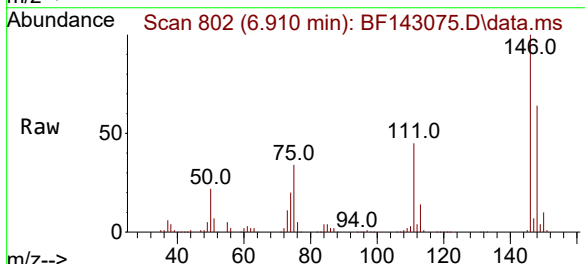
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

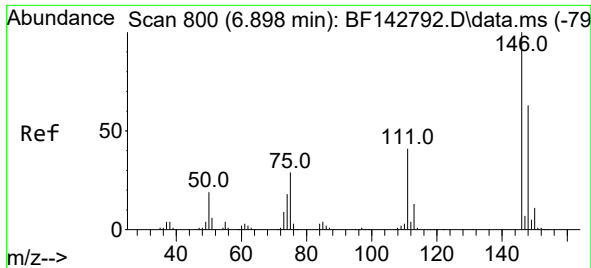
Tgt Ion: 93 Resp: 362736
Ion Ratio Lower Upper
93 100
63 83.3 63.3 103.3
95 32.5 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 38.437 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

Tgt Ion:146 Resp: 394044
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.0
75 34.3 27.4 41.2

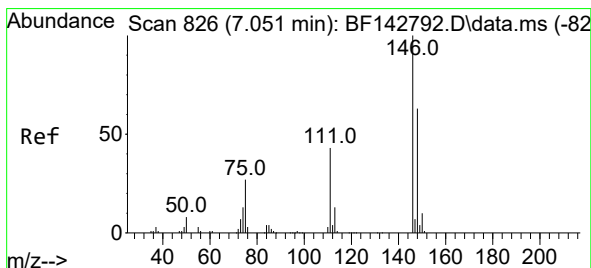
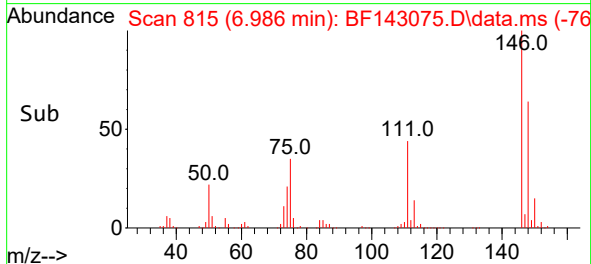
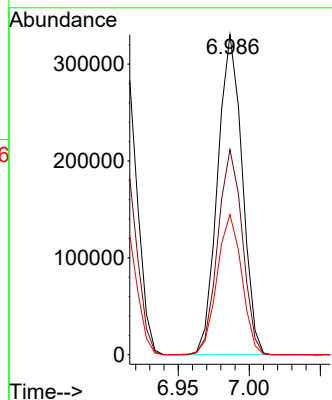
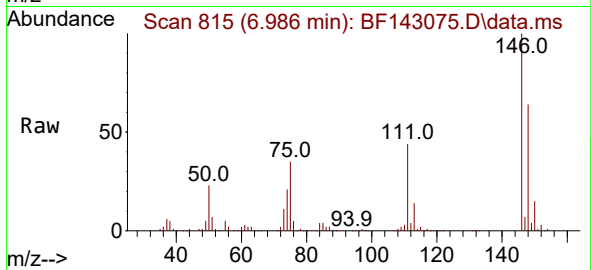




#13
1,4-Dichlorobenzene
Concen: 38.630 ng
RT: 6.986 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

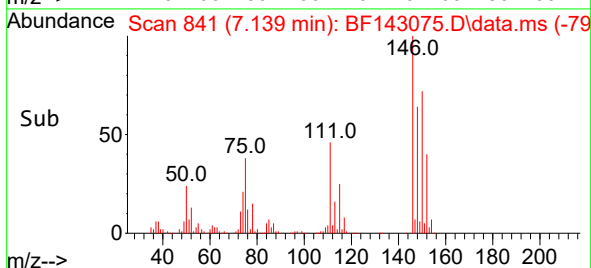
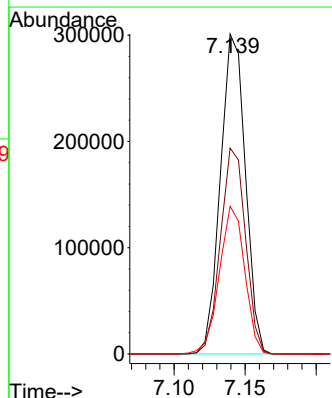
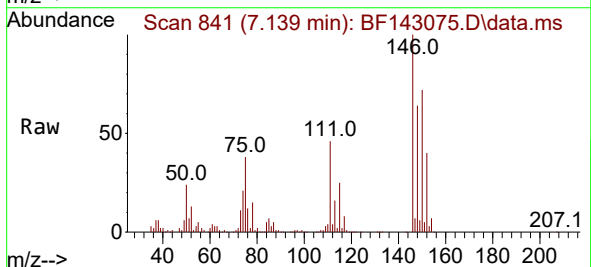
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

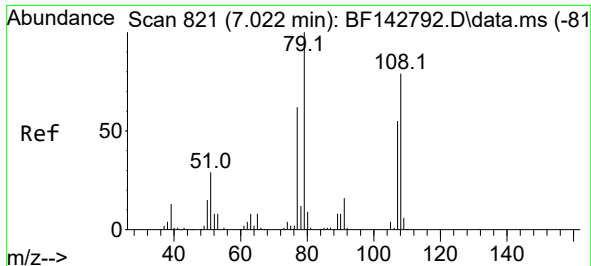
Tgt Ion:146 Resp: 396659
Ion Ratio Lower Upper
146 100
148 64.1 51.3 76.9
111 43.8 35.0 52.6



#14
1,2-Dichlorobenzene
Concen: 38.550 ng
RT: 7.139 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

Tgt Ion:146 Resp: 368463
Ion Ratio Lower Upper
146 100
148 64.4 51.5 77.3
111 46.2 37.0 55.4

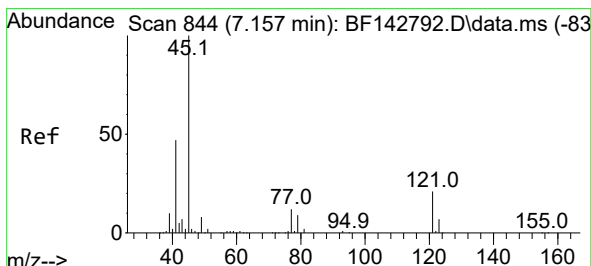
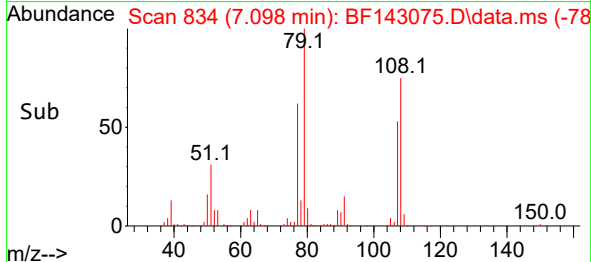
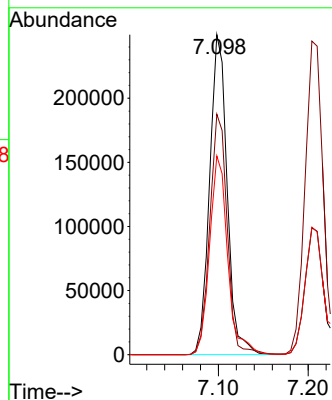
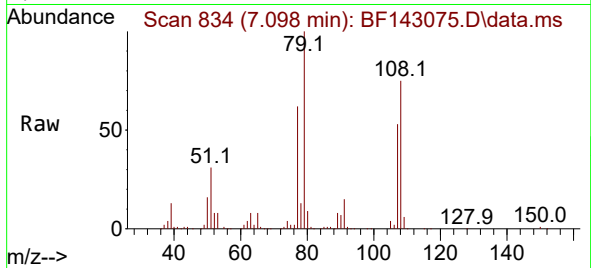




#15
Benzyl Alcohol
Concen: 39.763 ng
RT: 7.098 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

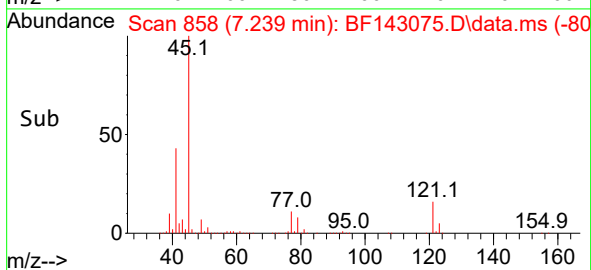
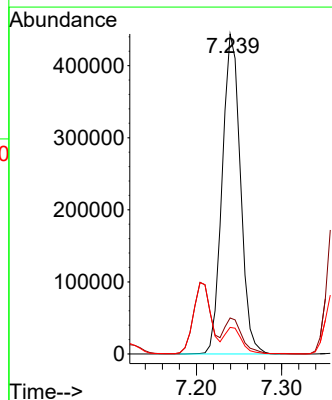
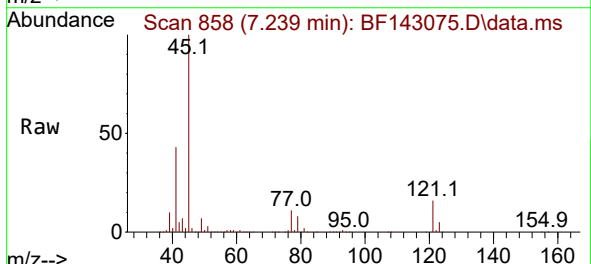
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

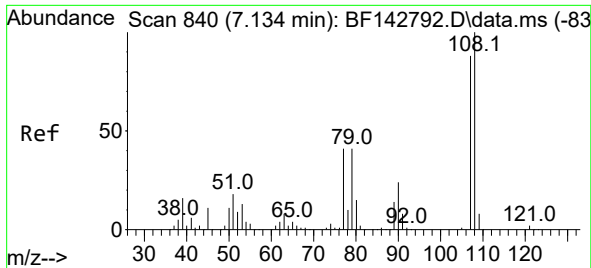
Tgt Ion: 79 Resp: 339087
Ion Ratio Lower Upper
79 100
108 75.2 60.2 90.2
77 62.1 49.7 74.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.045 ng
RT: 7.239 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

Tgt Ion: 45 Resp: 660952
Ion Ratio Lower Upper
45 100
77 11.3 0.0 31.3
79 8.3 0.0 28.3

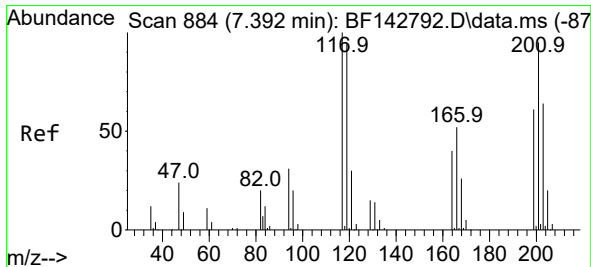
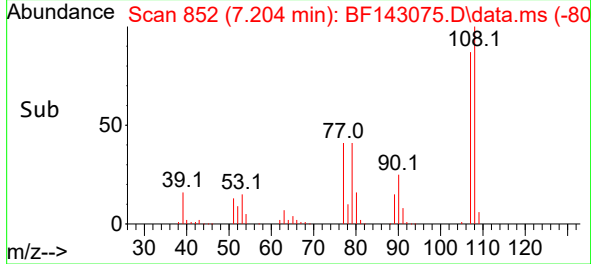
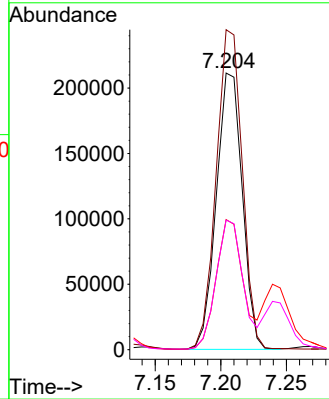
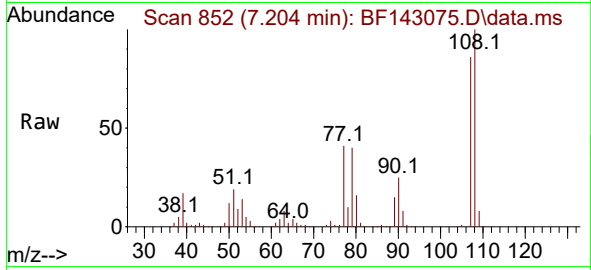




#17
2-Methylphenol
Concen: 38.675 ng
RT: 7.204 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

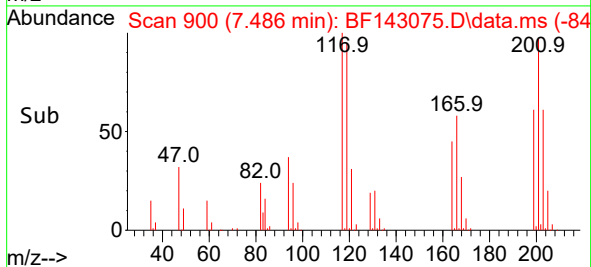
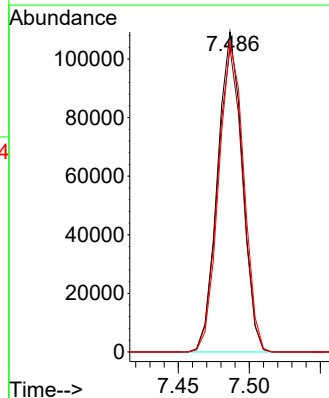
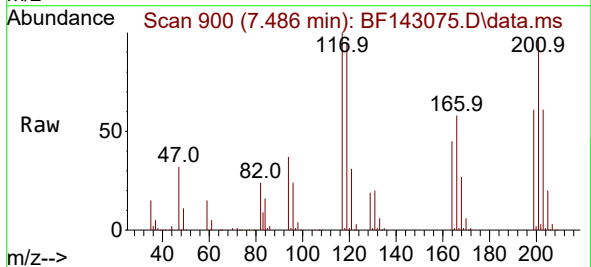
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

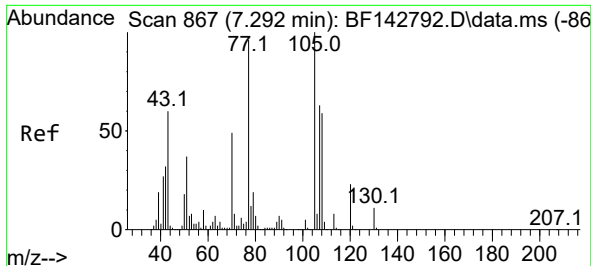
Tgt Ion:107 Resp: 290616
Ion Ratio Lower Upper
107 100
108 115.6 92.5 138.7
77 47.0 37.6 56.4
79 46.8 37.4 56.2



#18
Hexachloroethane
Concen: 40.175 ng
RT: 7.486 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

Tgt Ion:117 Resp: 132729
Ion Ratio Lower Upper
117 100
119 95.0 76.0 114.0
201 96.8 77.4 116.2



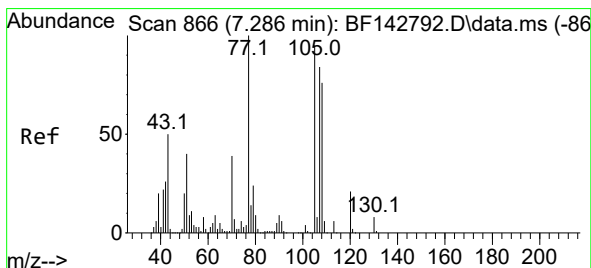
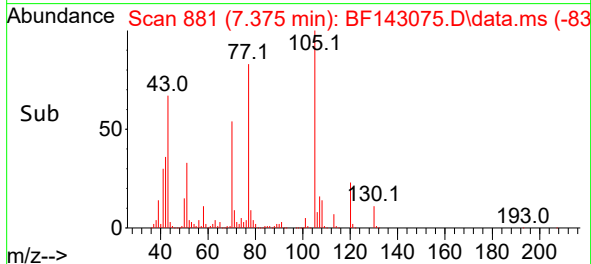
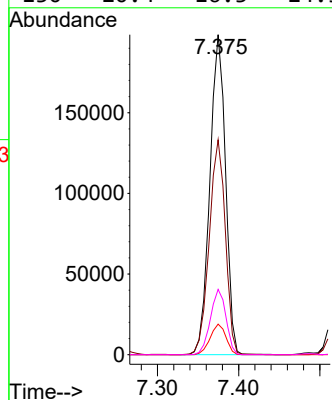
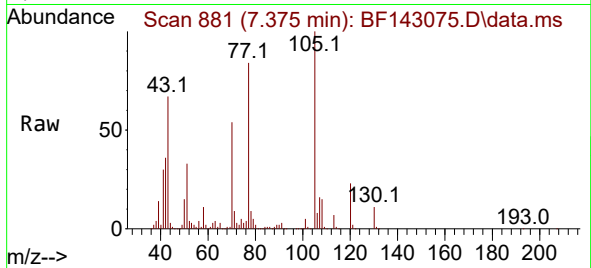


#19
n-Nitroso-di-n-propylamine
Concen: 37.803 ng
RT: 7.375 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 265524

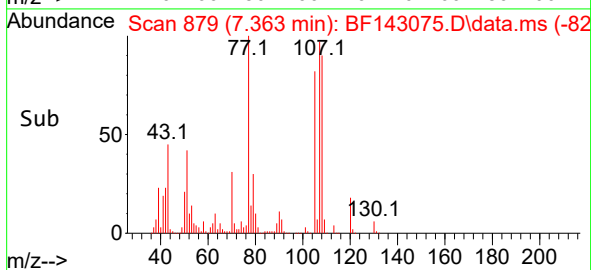
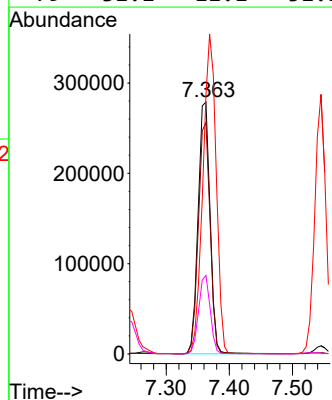
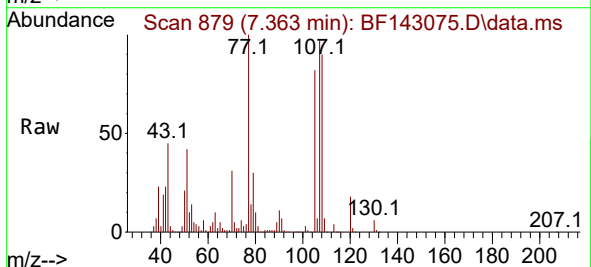
Ion	Ratio	Lower	Upper
70	100		
42	67.2	53.8	80.6
101	9.5	7.6	11.4
130	20.4	16.3	24.5

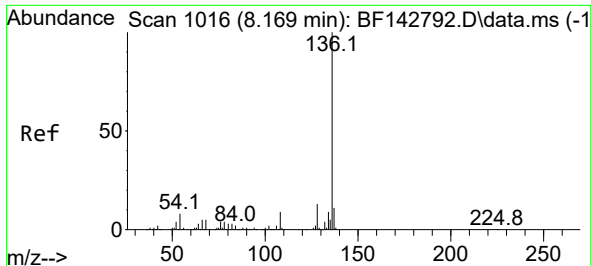


#20
3+4-Methylphenols
Concen: 39.462 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

Tgt Ion: 107 Resp: 366285

Ion	Ratio	Lower	Upper
107	100		
108	91.9	71.9	111.9
77	102.6	82.6	122.6
79	31.1	11.1	51.1



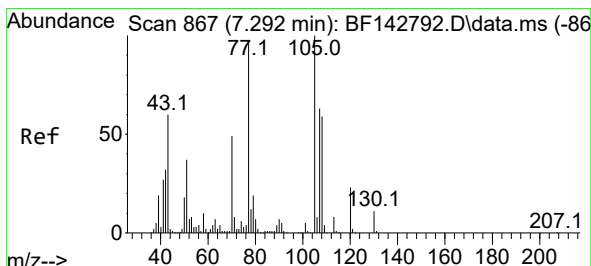
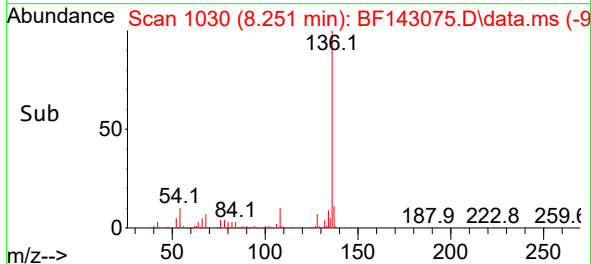
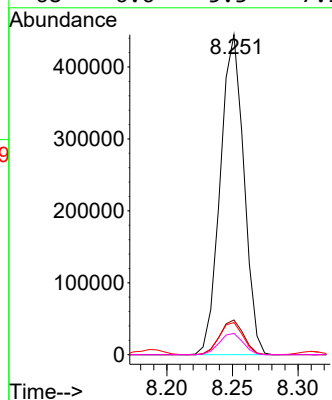
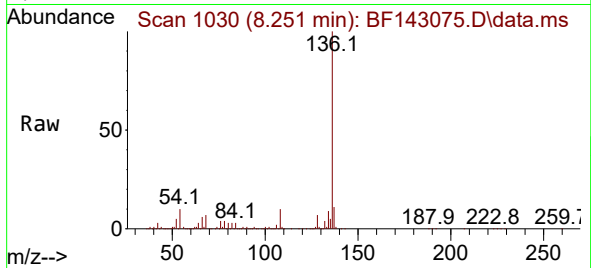


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 555718

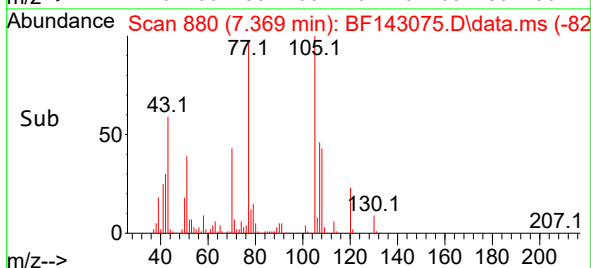
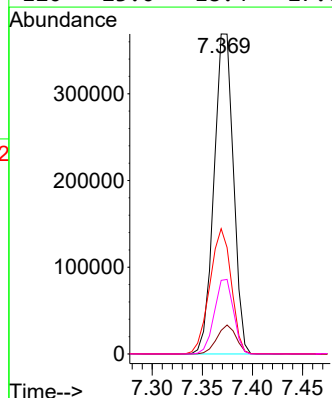
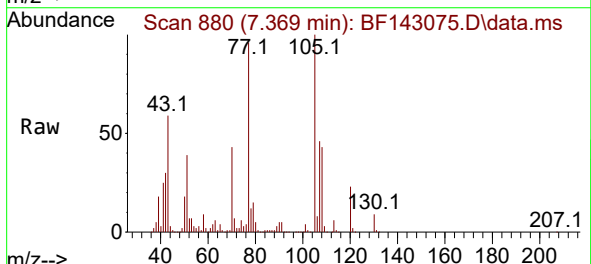
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	10.1	8.1	12.1
68	6.6	5.3	7.9

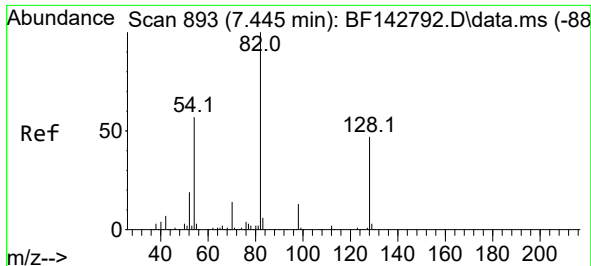


#22
Acetophenone
Concen: 38.306 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

Tgt Ion:105 Resp: 497275

Ion	Ratio	Lower	Upper
105	100		
71	7.4	5.9	8.9
51	39.1	31.3	46.9
120	23.0	18.4	27.6





#23

Nitrobenzene-d5

Concen: 80.815 ng

RT: 7.528 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF143075.D

Acq: 11 Jul 2025 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

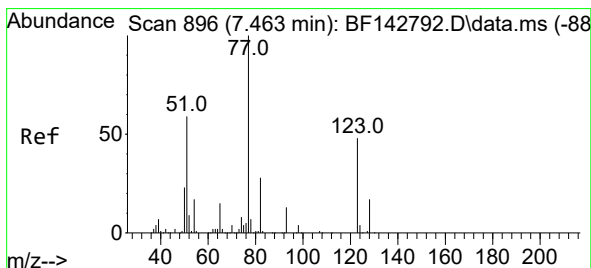
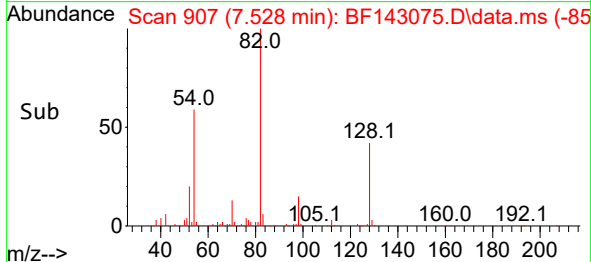
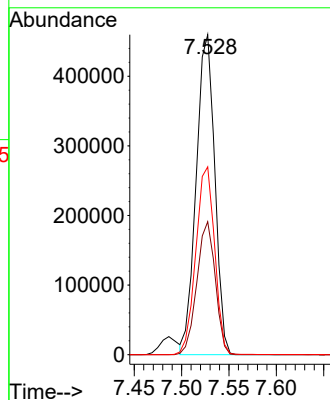
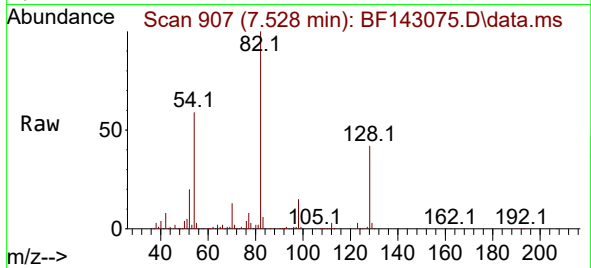
Tgt Ion: 82 Resp: 628469

Ion Ratio Lower Upper

82 100

128 41.6 33.3 49.9

54 58.7 47.0 70.4



#24

Nitrobenzene

Concen: 42.942 ng

RT: 7.545 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF143075.D

Acq: 11 Jul 2025 14:18

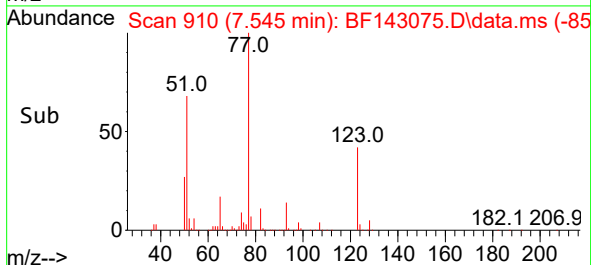
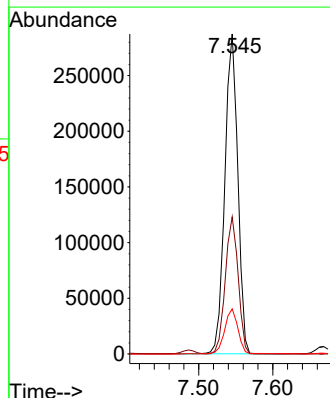
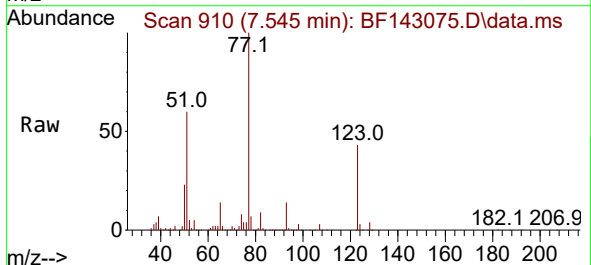
Tgt Ion: 77 Resp: 348089

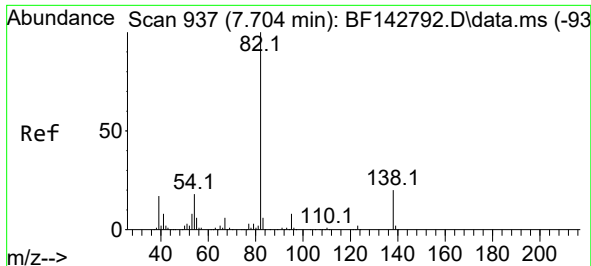
Ion Ratio Lower Upper

77 100

123 42.8 34.2 51.4

65 14.1 11.3 16.9

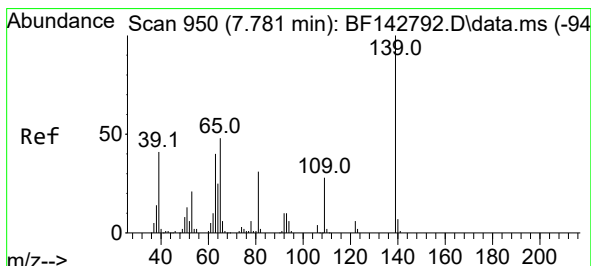
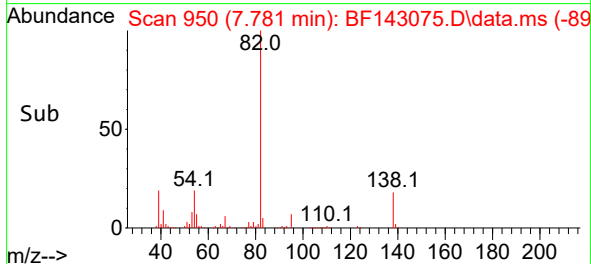
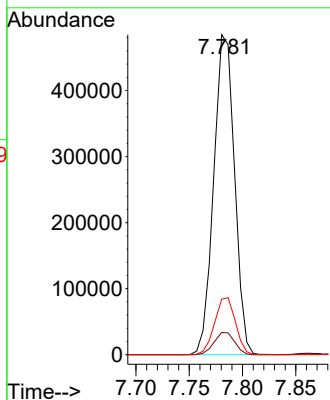
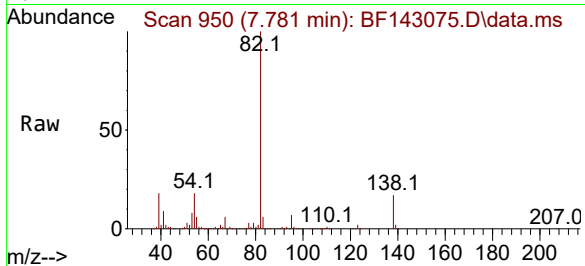




#25
Isophorone
Concen: 38.949 ng
RT: 7.781 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

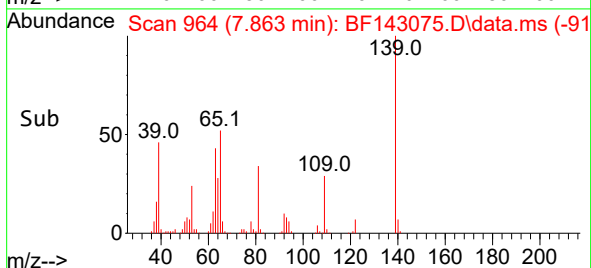
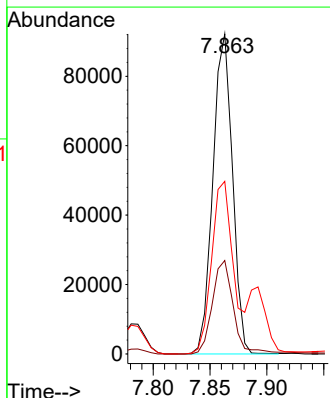
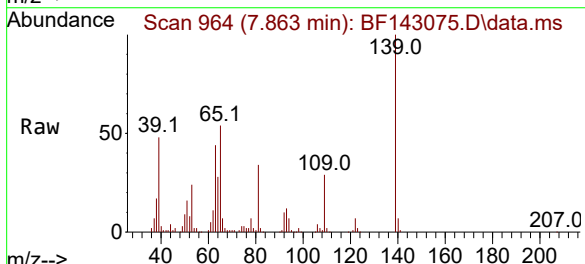
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

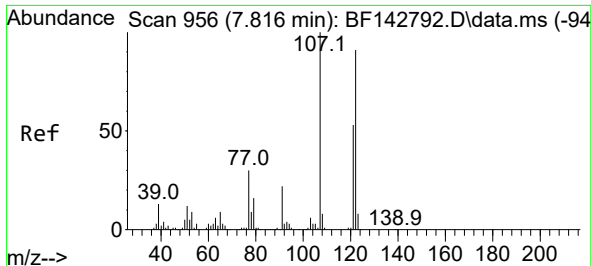
Tgt Ion: 82 Resp: 657622
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.3 13.8 20.8



#26
2-Nitrophenol
Concen: 38.855 ng
RT: 7.863 min Scan# 964
Delta R.T. -0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

Tgt Ion:139 Resp: 110697
Ion Ratio Lower Upper
139 100
109 29.2 23.4 35.0
65 53.9 43.1 64.7





#27

2,4-Dimethylphenol

Concen: 39.803 ng

RT: 7.892 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF143075.D

Acq: 11 Jul 2025 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

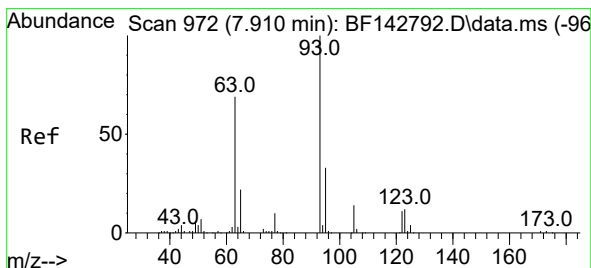
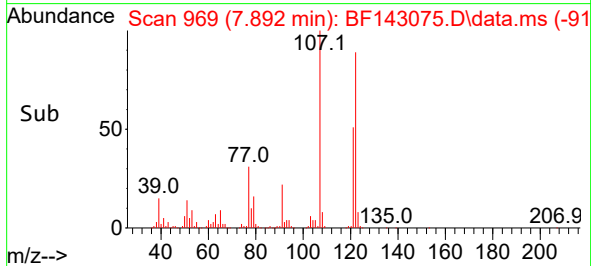
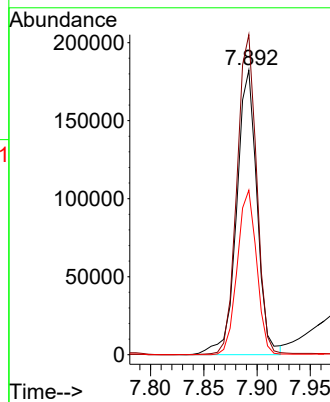
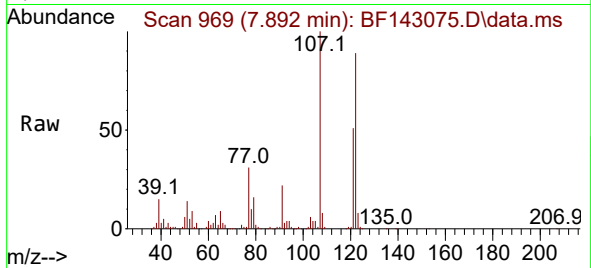
Tgt Ion:122 Resp: 243592

Ion Ratio Lower Upper

122 100

107 112.5 90.0 135.0

121 57.8 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 38.593 ng

RT: 7.992 min Scan# 986

Delta R.T. 0.000 min

Lab File: BF143075.D

Acq: 11 Jul 2025 14:18

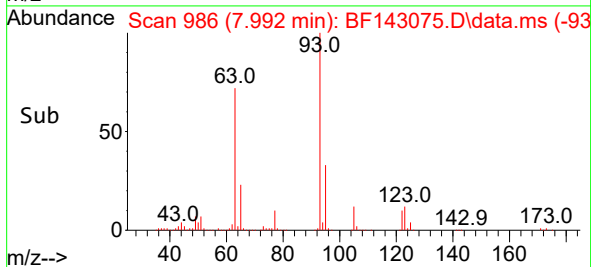
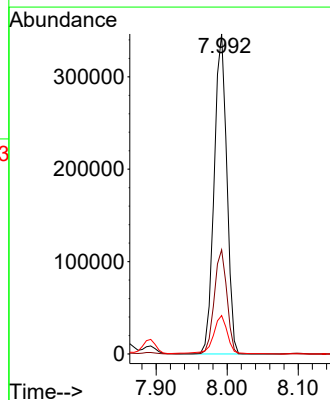
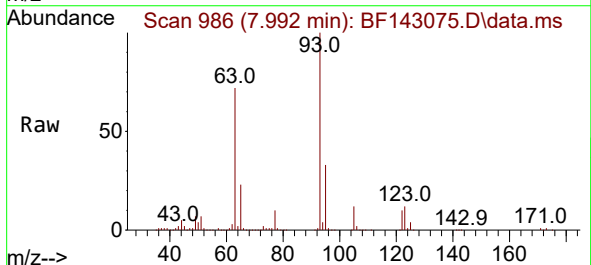
Tgt Ion: 93 Resp: 428556

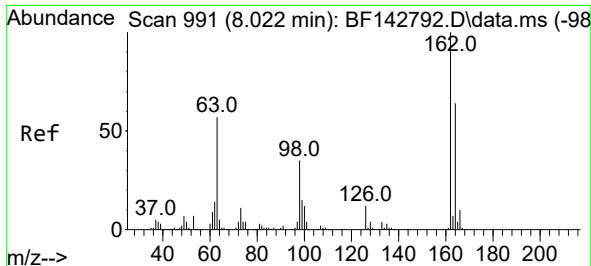
Ion Ratio Lower Upper

93 100

95 32.5 26.0 39.0

123 12.0 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 40.622 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143075.D

Acq: 11 Jul 2025 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

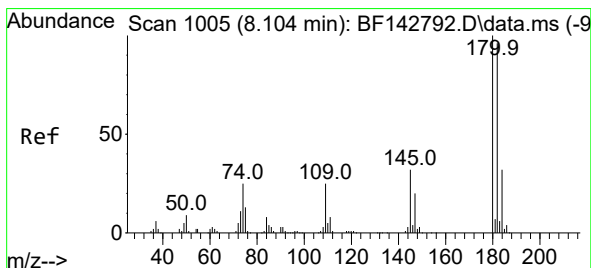
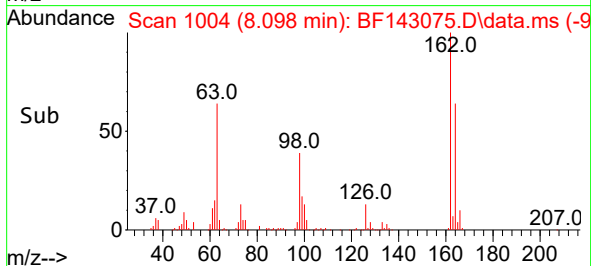
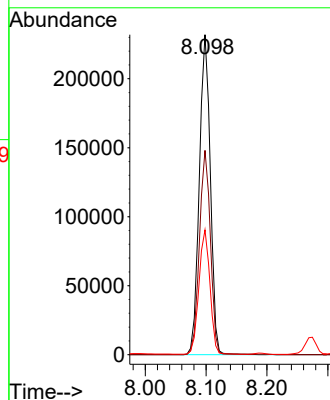
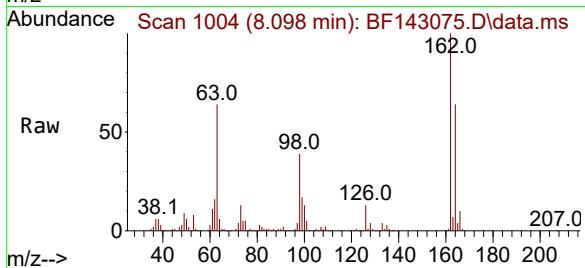
Tgt Ion:162 Resp: 292310

Ion Ratio Lower Upper

162 100

164 63.9 43.9 83.9

98 39.0 19.0 59.0



#30

1,2,4-Trichlorobenzene

Concen: 39.229 ng

RT: 8.192 min Scan# 1020

Delta R.T. 0.000 min

Lab File: BF143075.D

Acq: 11 Jul 2025 14:18

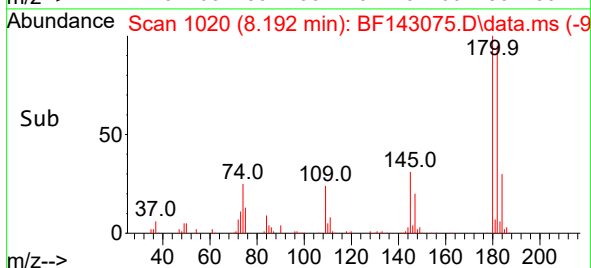
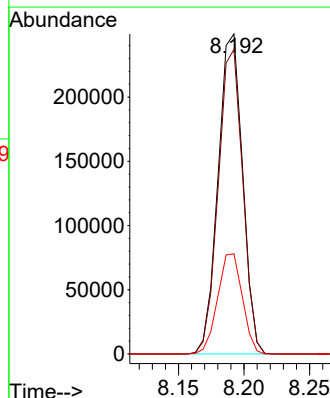
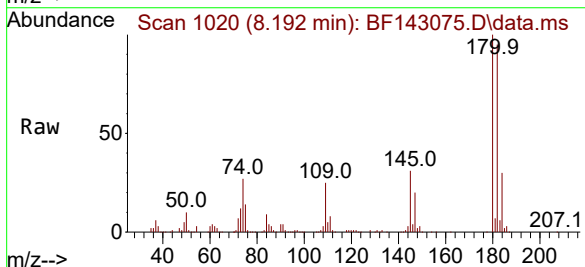
Tgt Ion:180 Resp: 323813

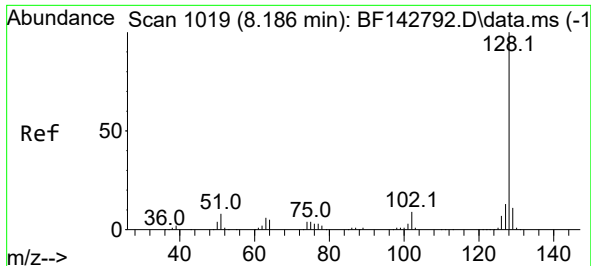
Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.2

145 31.3 25.0 37.6

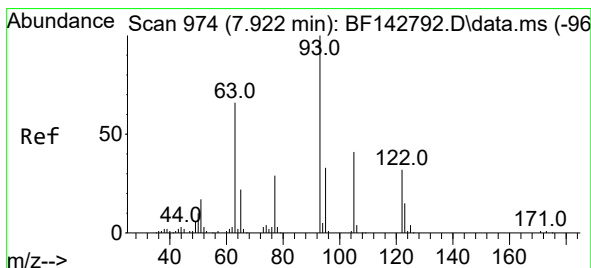
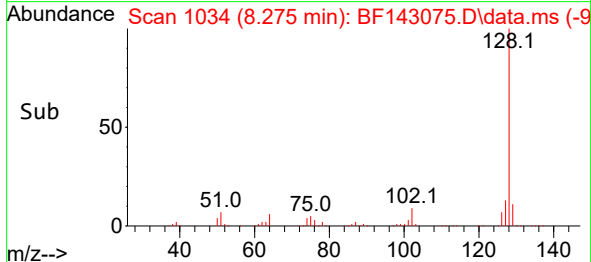
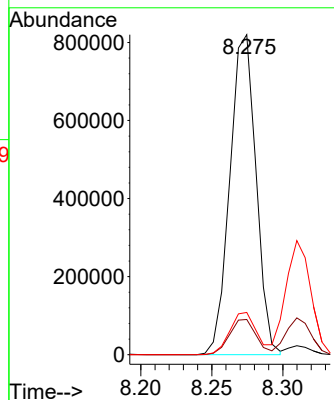
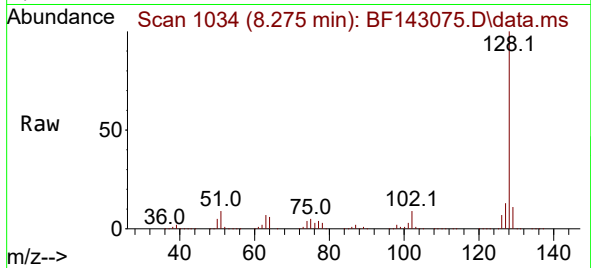




#31
Naphthalene
Concen: 38.282 ng
RT: 8.275 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

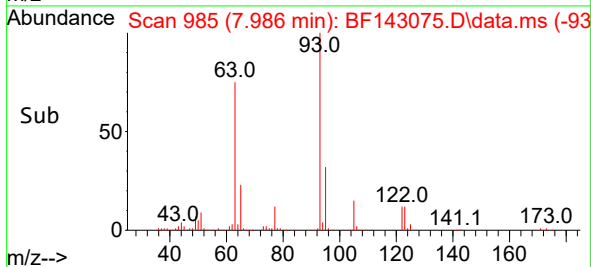
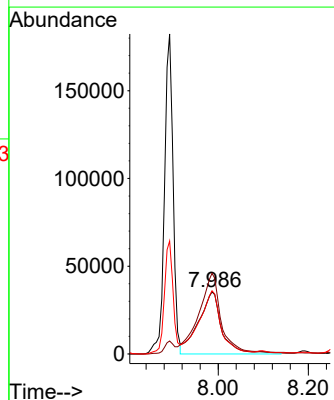
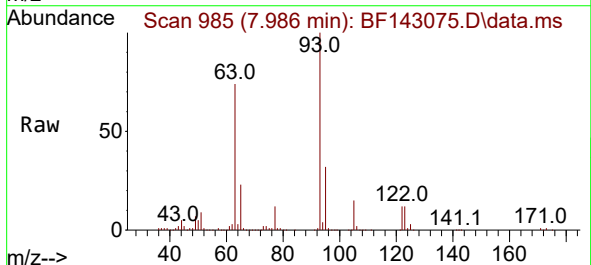
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

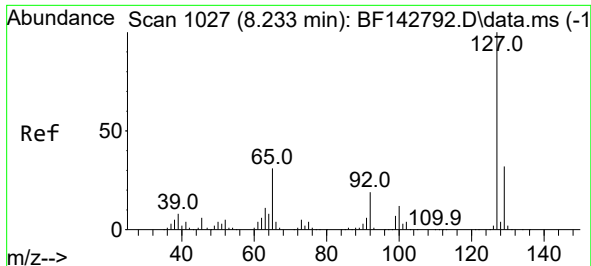
Tgt Ion:128 Resp: 1051416
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 39.121 ng m
RT: 7.986 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

Tgt Ion:122 Resp: 127995
Ion Ratio Lower Upper
122 100
105 129.7 109.7 149.7
77 101.6 81.6 121.6

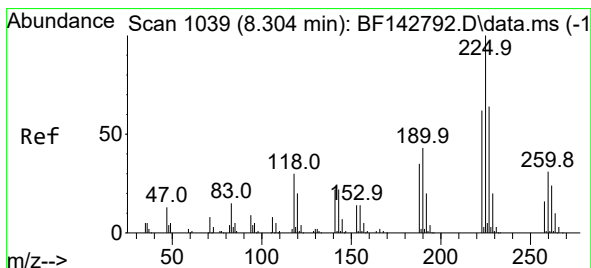
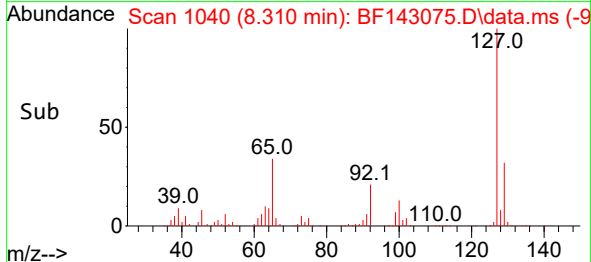
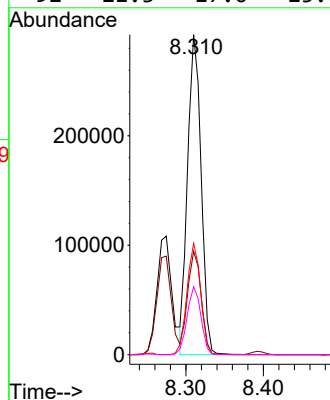
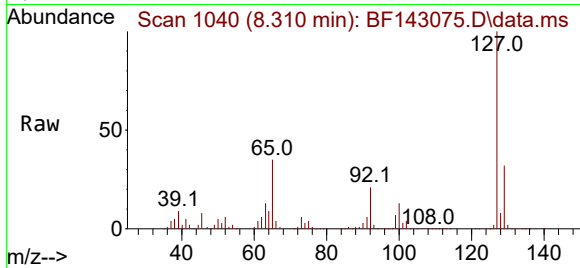




#33
4-Chloroaniline
Concen: 38.224 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

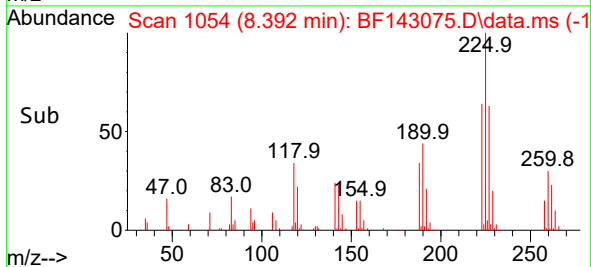
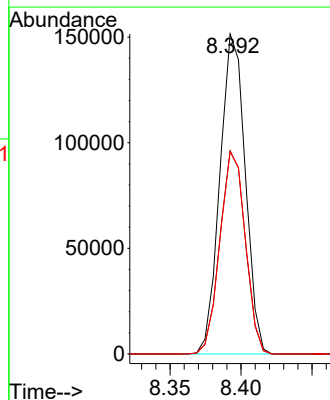
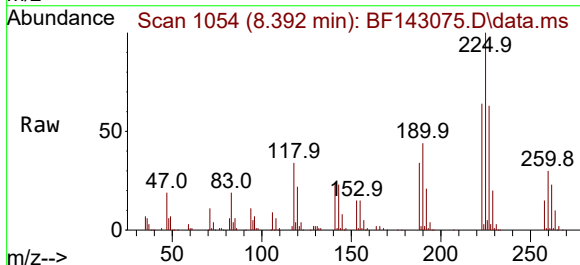
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

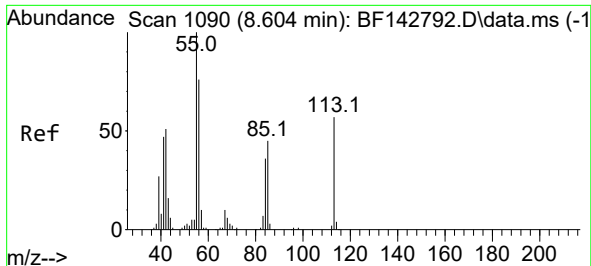
Tgt Ion:127	Resp:	354670
Ion	Ratio	Lower Upper
127	100	
129	32.3	25.8 38.8
65	34.8	27.8 41.8
92	21.3	17.0 25.6



#34
Hexachlorobutadiene
Concen: 38.748 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

Tgt Ion:225	Resp:	187683
Ion	Ratio	Lower Upper
225	100	
223	63.5	50.8 76.2
227	63.2	50.6 75.8

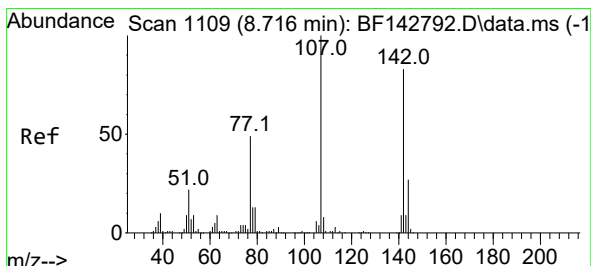
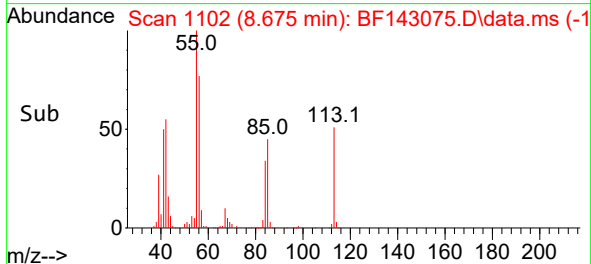
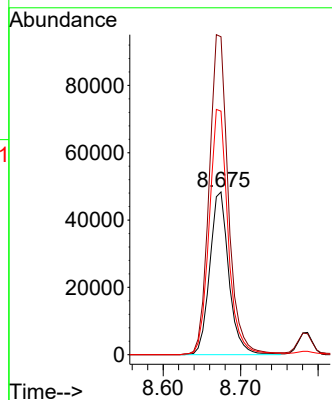
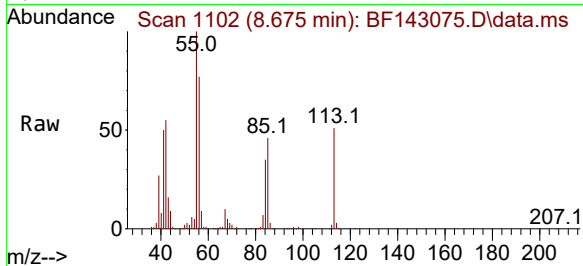




#35
Caprolactam
Concen: 40.996 ng
RT: 8.675 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

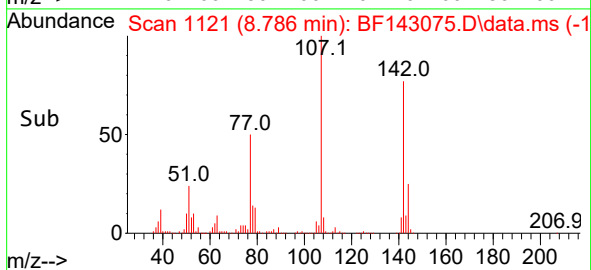
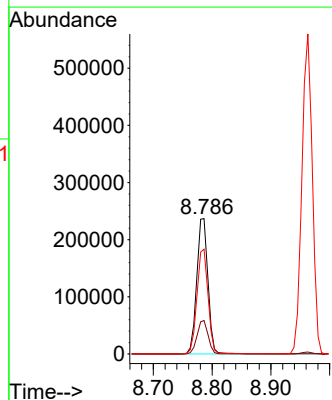
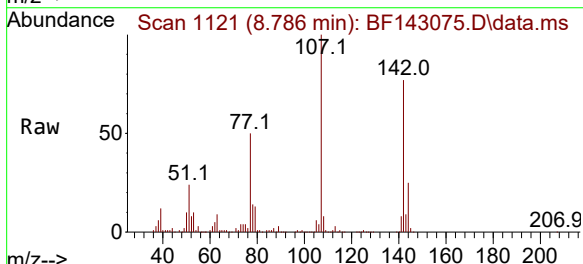
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

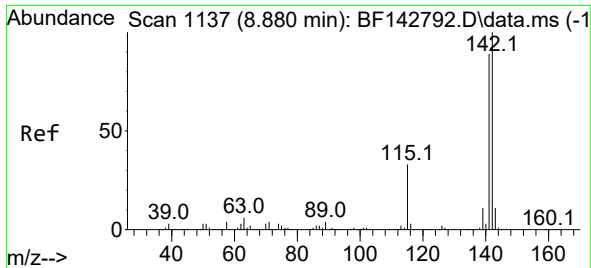
Tgt Ion:113 Resp: 82708
Ion Ratio Lower Upper
113 100
55 195.4 175.4 215.4
56 149.7 129.7 169.7



#36
4-Chloro-3-methylphenol
Concen: 40.697 ng
RT: 8.786 min Scan# 1121
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

Tgt Ion:107 Resp: 314940
Ion Ratio Lower Upper
107 100
144 24.7 19.8 29.6
142 77.4 61.9 92.9

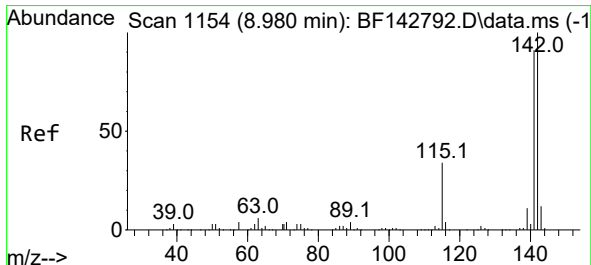
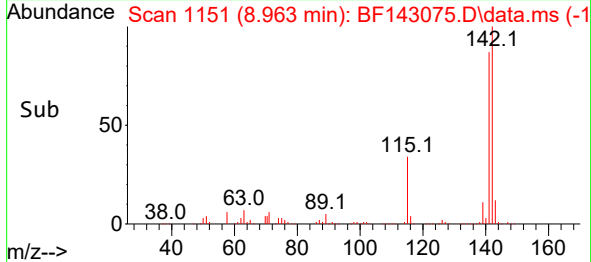
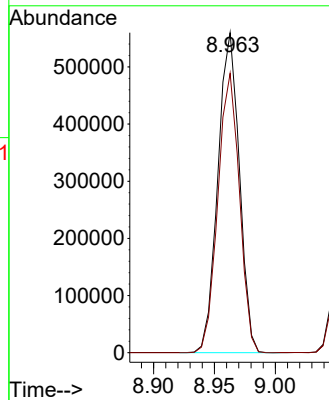
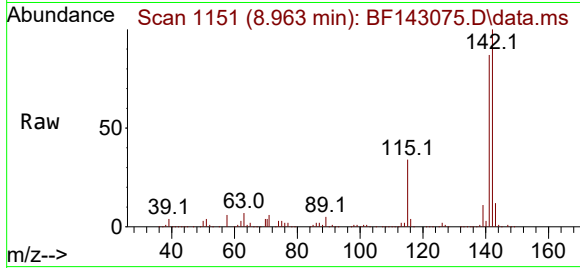




#37
2-Methylnaphthalene
Concen: 38.316 ng
RT: 8.963 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

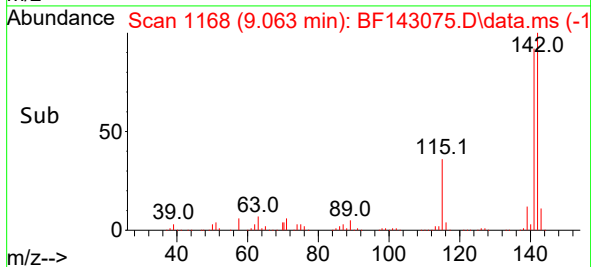
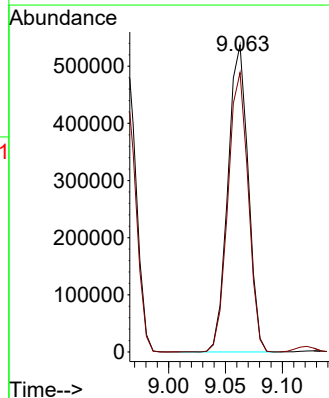
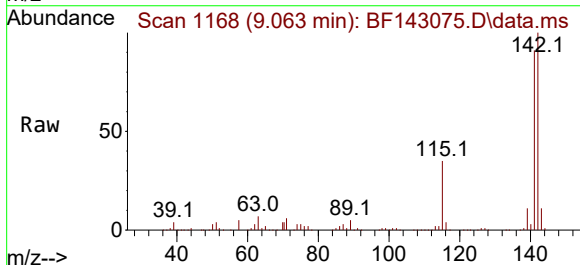
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

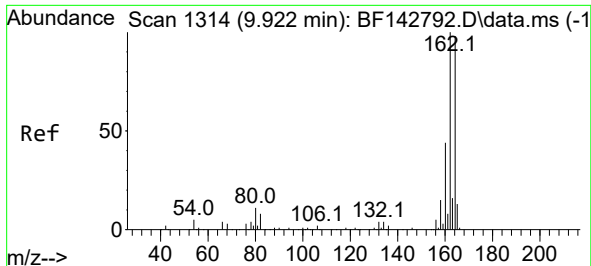
Tgt Ion:142 Resp: 687743
Ion Ratio Lower Upper
142 100
141 87.3 69.8 104.8



#38
1-Methylnaphthalene
Concen: 38.717 ng
RT: 9.063 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

Tgt Ion:142 Resp: 668800
Ion Ratio Lower Upper
142 100
141 91.0 72.8 109.2

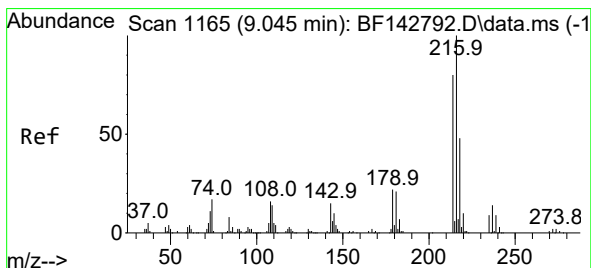
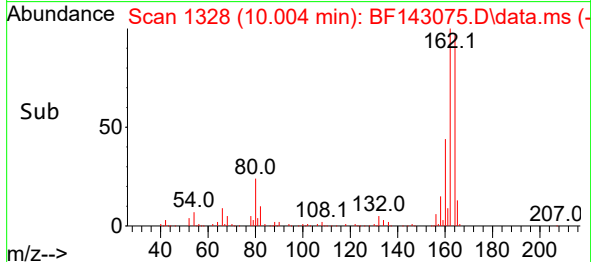
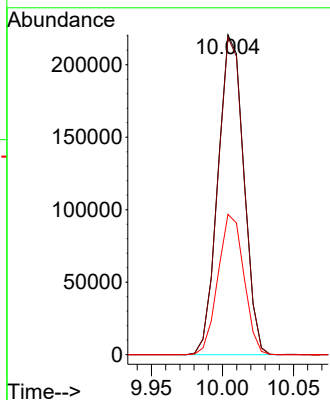
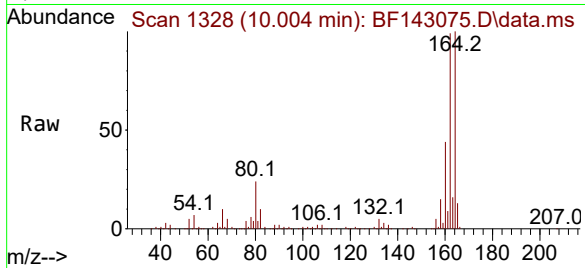




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

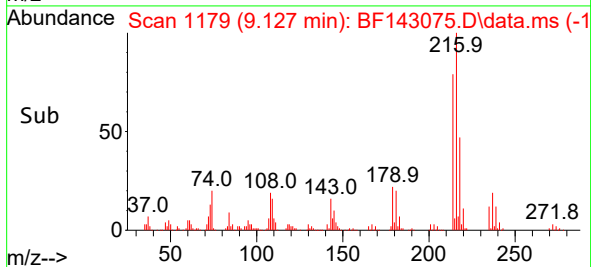
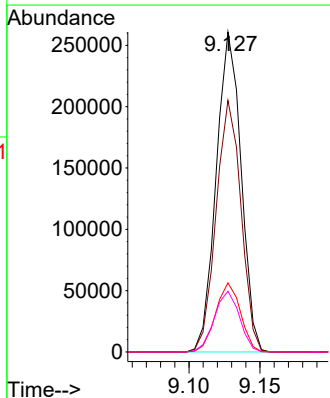
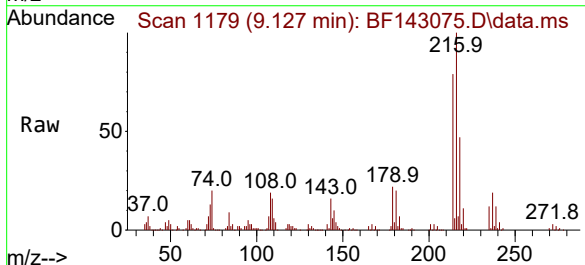
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

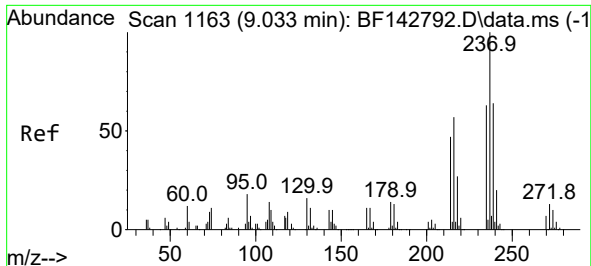
Tgt Ion:164 Resp: 279522
Ion Ratio Lower Upper
164 100
162 99.1 79.3 118.9
160 43.9 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.751 ng
RT: 9.127 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

Tgt Ion:216 Resp: 317266
Ion Ratio Lower Upper
216 100
214 78.6 62.9 94.3
179 21.6 17.3 25.9
108 19.3 15.4 23.2

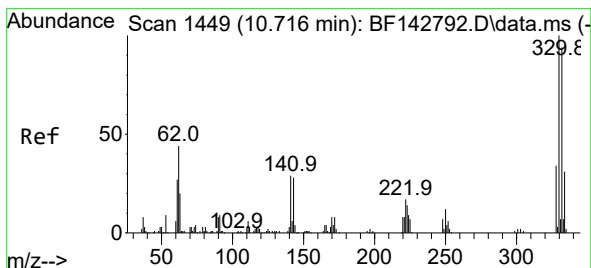
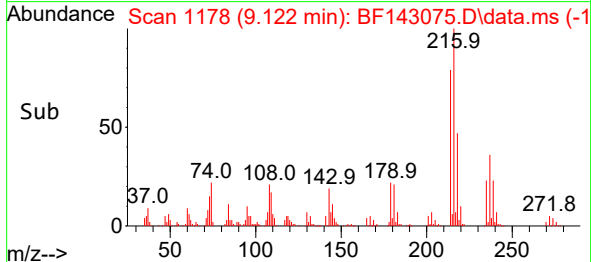
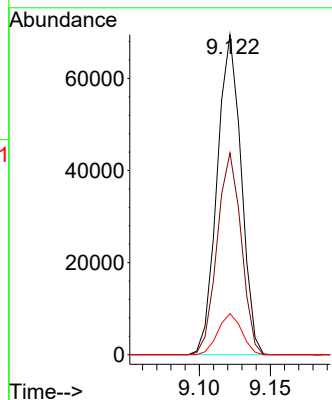
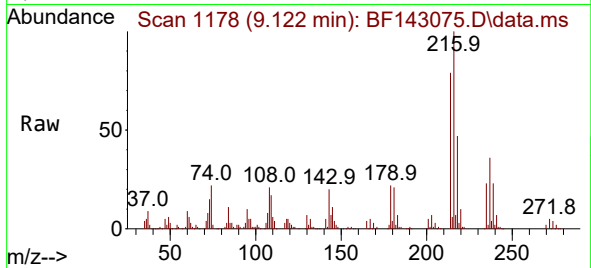




#41
Hexachlorocyclopentadiene
Concen: 39.990 ng
RT: 9.122 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

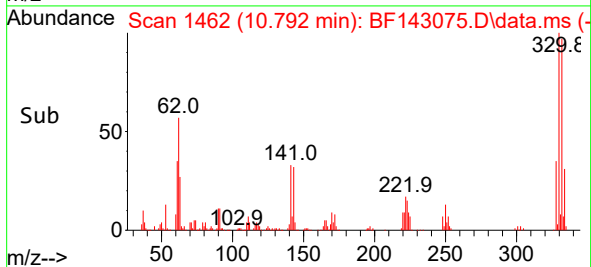
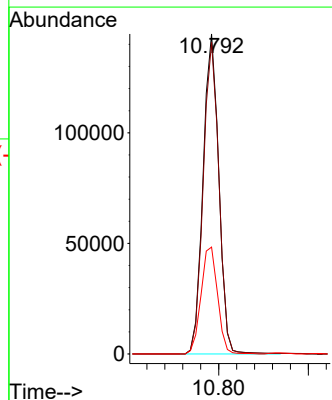
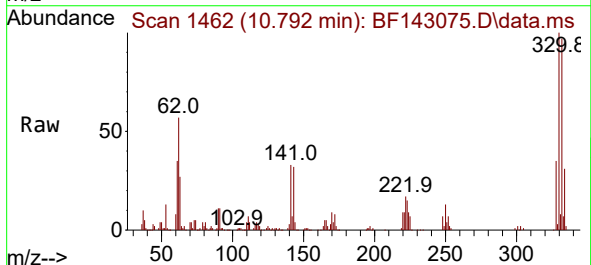
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

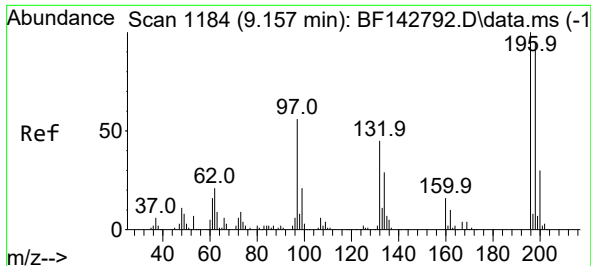
Tgt Ion:237 Resp: 81680
Ion Ratio Lower Upper
237 100
235 63.1 43.1 83.1
272 12.8 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 84.970 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

Tgt Ion:330 Resp: 175794
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.8
141 35.1 28.1 42.1





#43

2,4,6-Trichlorophenol

Concen: 41.938 ng

RT: 9.233 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF143075.D

Acq: 11 Jul 2025 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

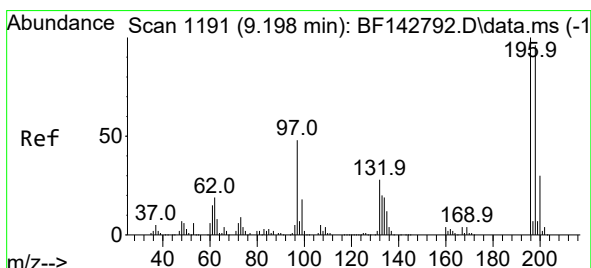
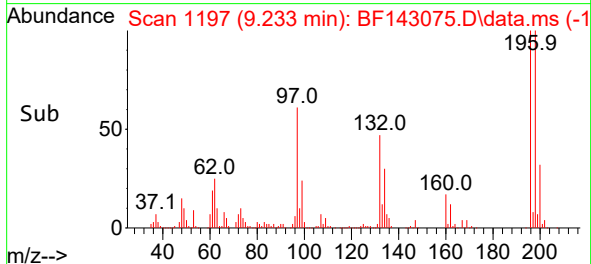
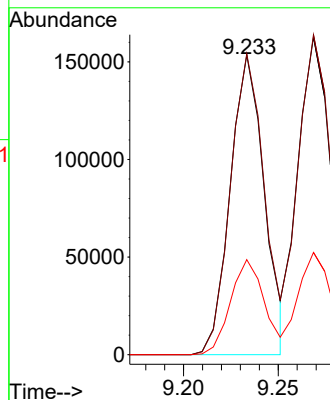
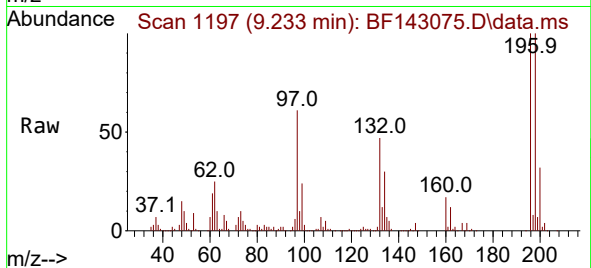
Tgt Ion:196 Resp: 191890

Ion Ratio Lower Upper

196 100

198 100.5 80.4 120.6

200 31.7 25.4 38.0



#44

2,4,5-Trichlorophenol

Concen: 42.098 ng

RT: 9.269 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF143075.D

Acq: 11 Jul 2025 14:18

Tgt Ion:196 Resp: 200793

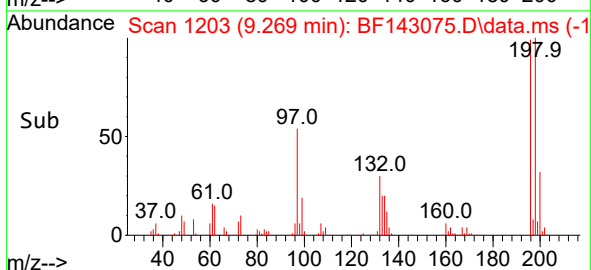
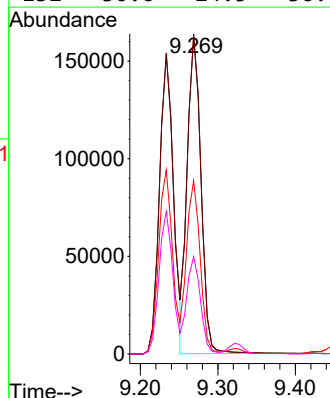
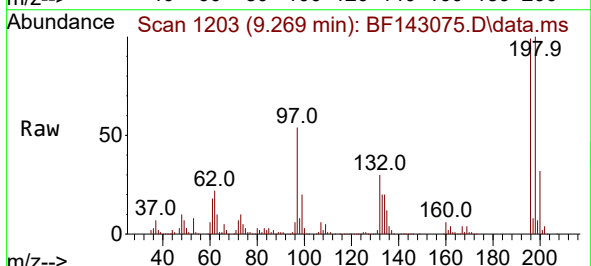
Ion Ratio Lower Upper

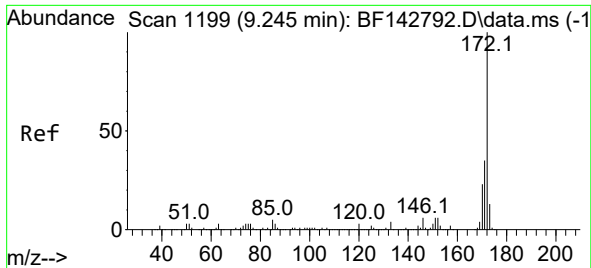
196 100

198 100.7 80.6 120.8

97 54.6 43.7 65.5

132 30.6 24.5 36.7

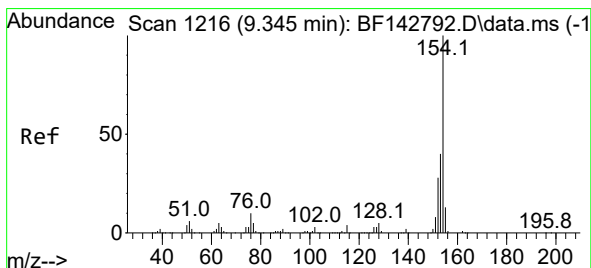
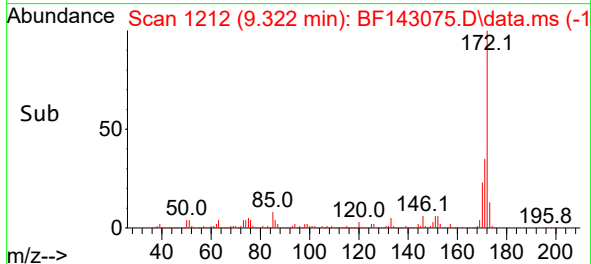
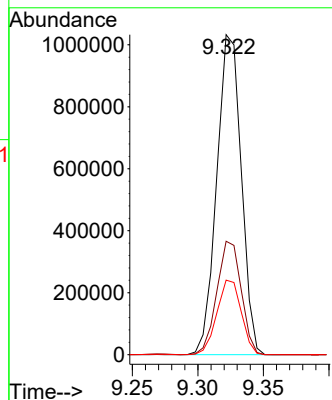
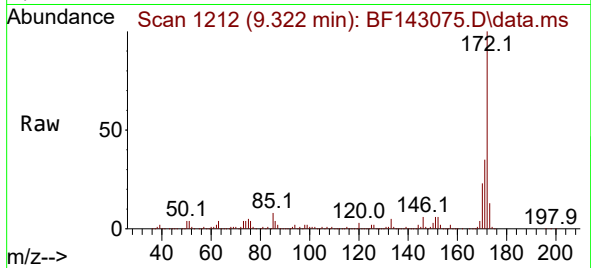




#45
2-Fluorobiphenyl
Concen: 75.526 ng
RT: 9.322 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

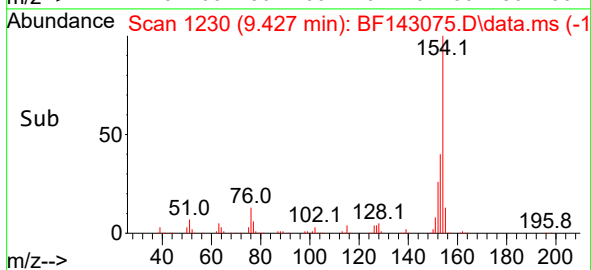
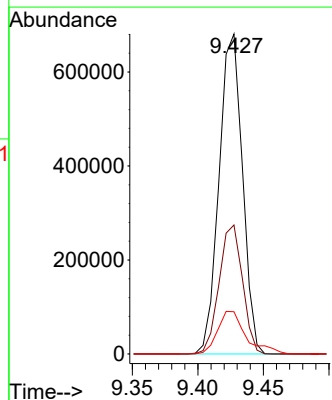
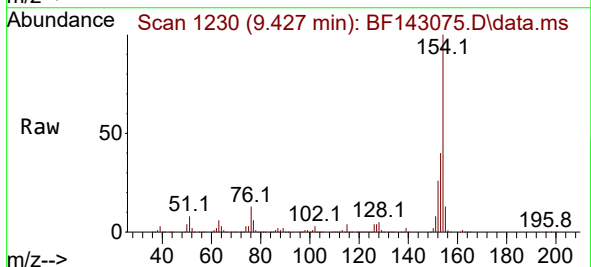
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

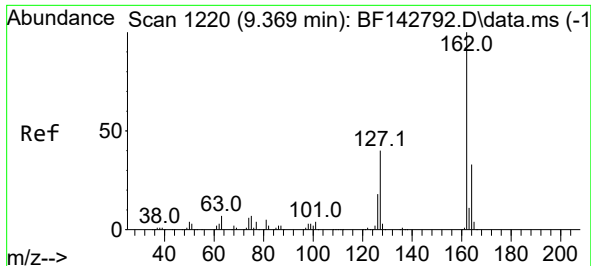
Tgt Ion:172 Resp: 1343133
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 38.432 ng
RT: 9.427 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

Tgt Ion:154 Resp: 843556
Ion Ratio Lower Upper
154 100
153 40.3 20.3 60.3
76 13.2 0.0 33.2

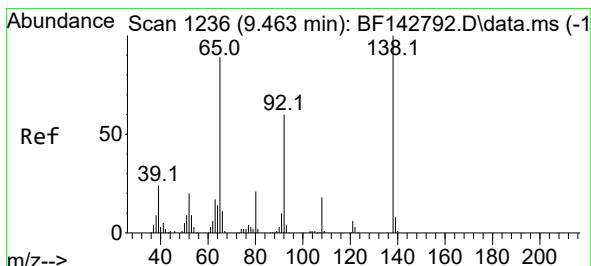
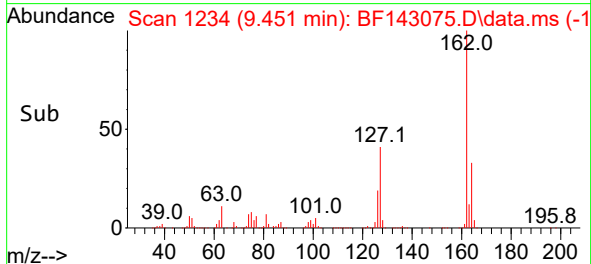
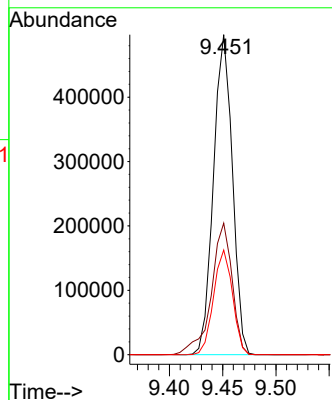
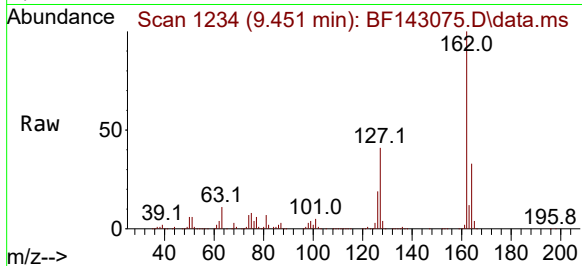




#47
2-Chloronaphthalene
Concen: 38.587 ng
RT: 9.451 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

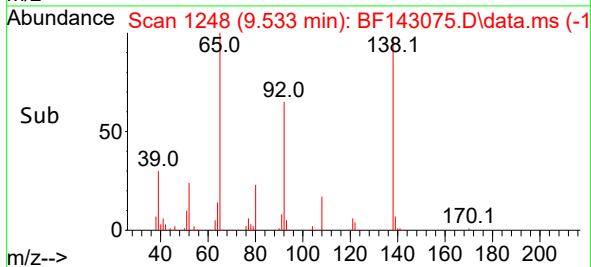
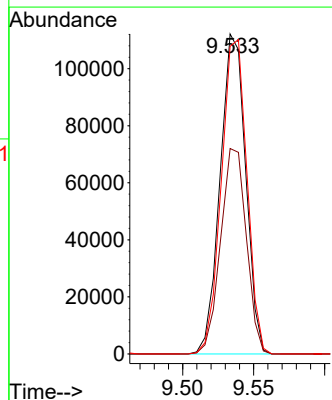
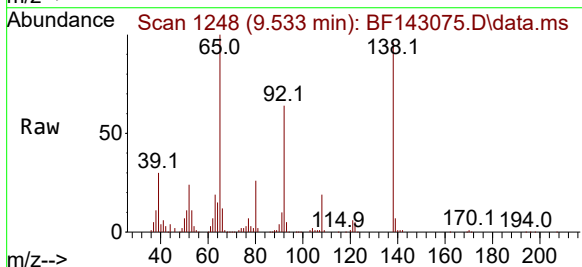
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

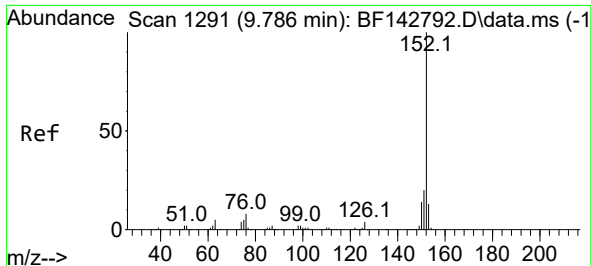
Tgt Ion:162 Resp: 613392
Ion Ratio Lower Upper
162 100
127 41.1 32.9 49.3
164 32.7 26.2 39.2



#48
2-Nitroaniline
Concen: 37.197 ng
RT: 9.533 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

Tgt Ion: 65 Resp: 140328
Ion Ratio Lower Upper
65 100
92 64.2 51.4 77.0
138 96.2 77.0 115.4

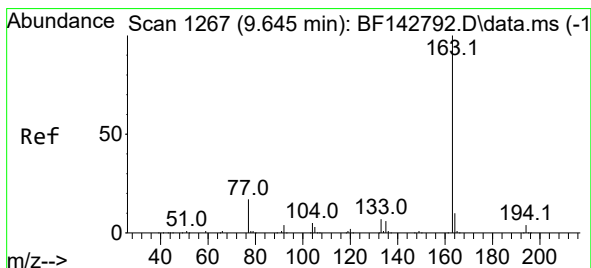
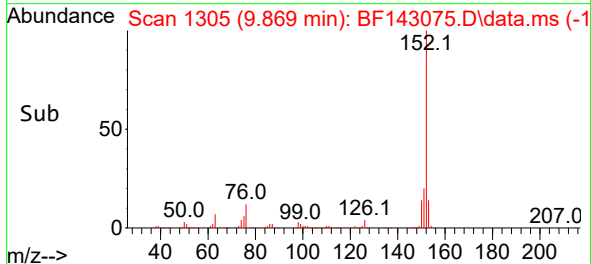
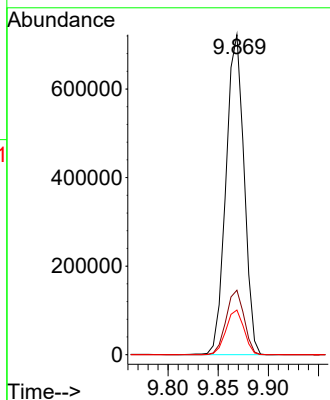
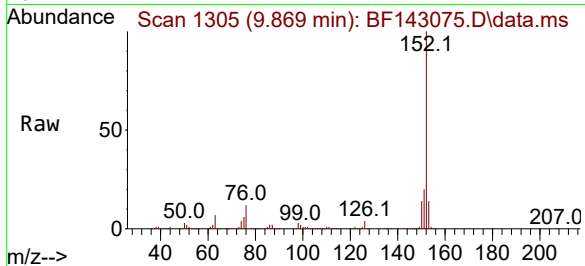




#49
Acenaphthylene
Concen: 38.744 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

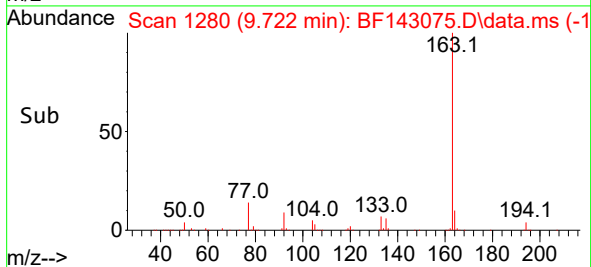
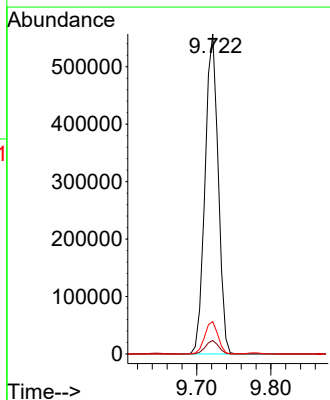
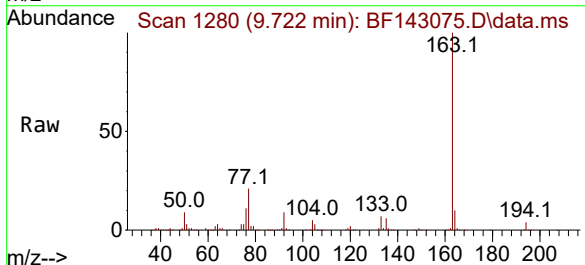
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

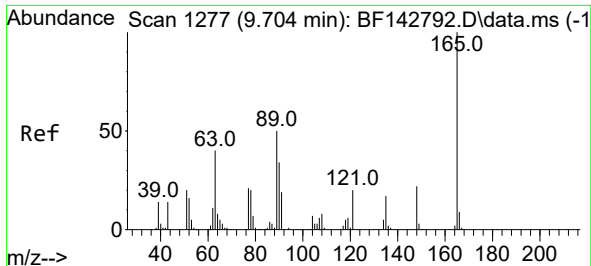
Tgt Ion:152 Resp: 904162
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 14.0 11.2 16.8



#50
Dimethylphthalate
Concen: 39.588 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

Tgt Ion:163 Resp: 687671
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.1 8.1 12.1

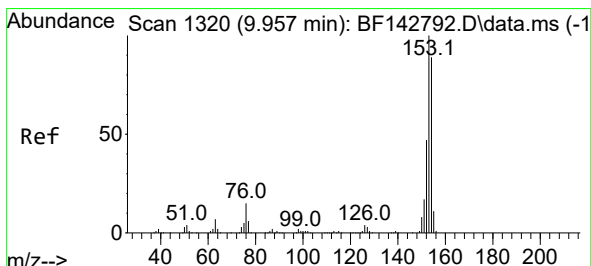
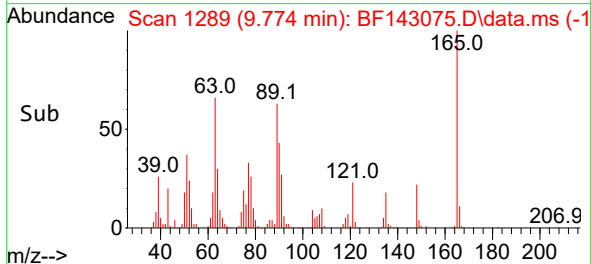
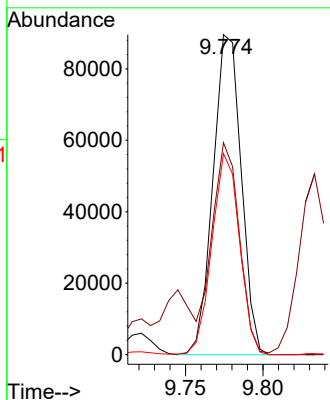
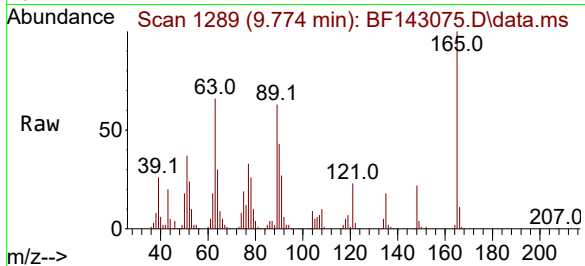




#51
2,6-Dinitrotoluene
Concen: 37.864 ng
RT: 9.774 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

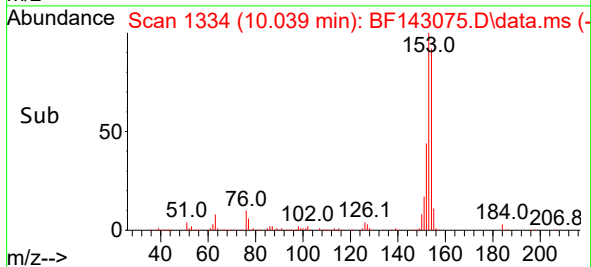
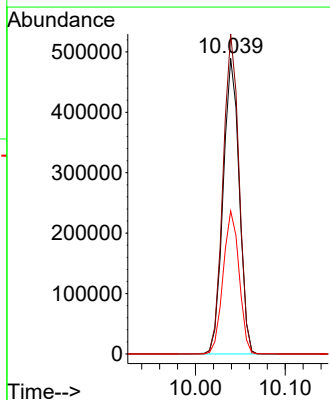
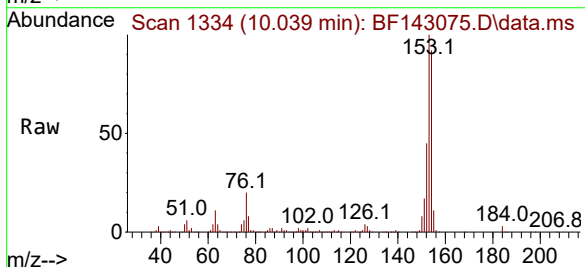
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

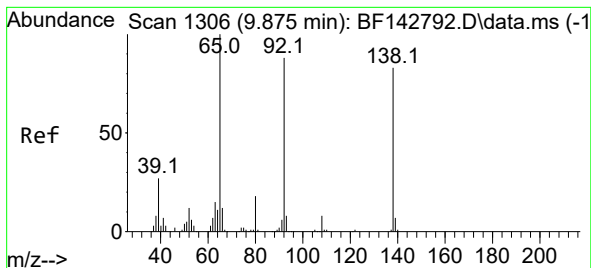
Tgt Ion:165 Resp: 113376
Ion Ratio Lower Upper
165 100
63 66.3 53.0 79.6
89 62.8 50.2 75.4



#52
Acenaphthene
Concen: 38.612 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

Tgt Ion:154 Resp: 606907
Ion Ratio Lower Upper
154 100
153 108.3 86.6 130.0
152 48.4 38.7 58.1





#53

3-Nitroaniline

Concen: 38.359 ng

RT: 9.945 min Scan# 1318

Delta R.T. 0.000 min

Lab File: BF143075.D

Acq: 11 Jul 2025 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

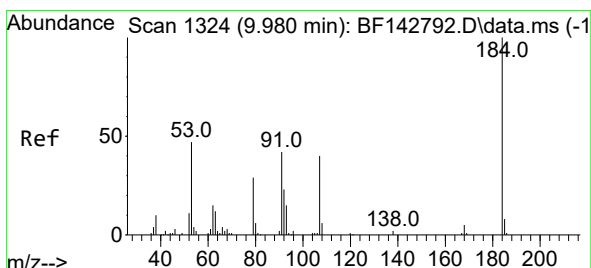
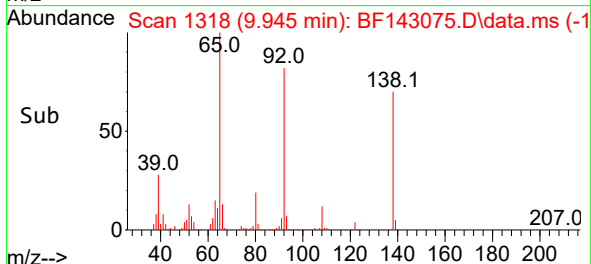
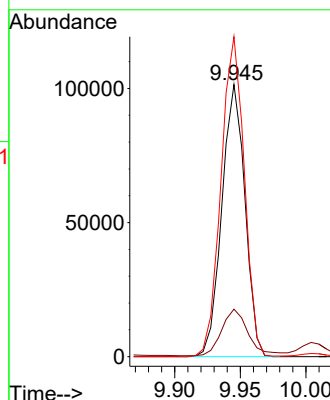
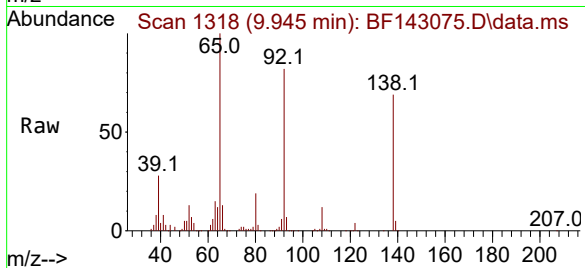
Tgt Ion:138 Resp: 124149

Ion Ratio Lower Upper

138 100

108 17.5 14.0 21.0

92 117.6 94.1 141.1



#54

2,4-Dinitrophenol

Concen: 39.144 ng

RT: 10.045 min Scan# 1335

Delta R.T. 0.000 min

Lab File: BF143075.D

Acq: 11 Jul 2025 14:18

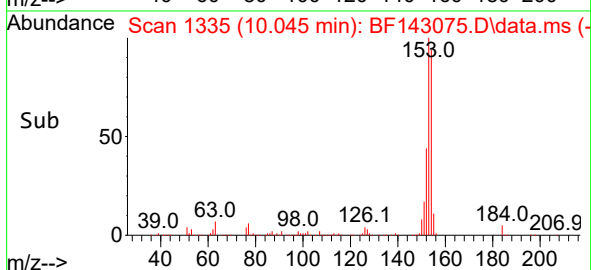
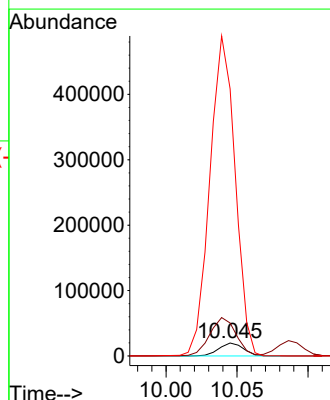
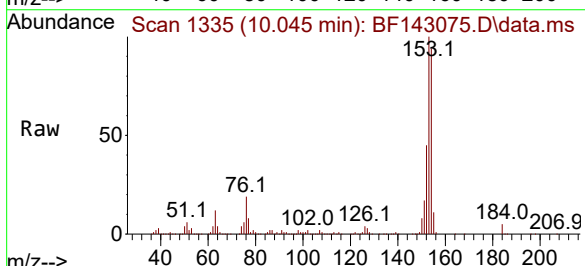
Tgt Ion:184 Resp: 23760

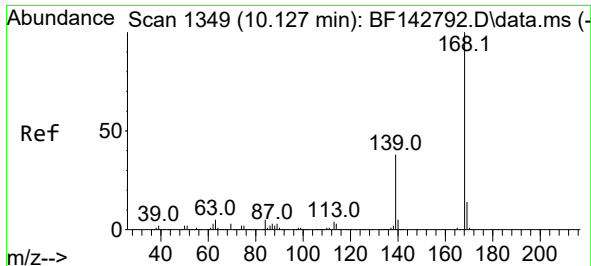
Ion Ratio Lower Upper

184 100

63 256.1 204.9 307.3

154 2068.9 1655.1 2482.7

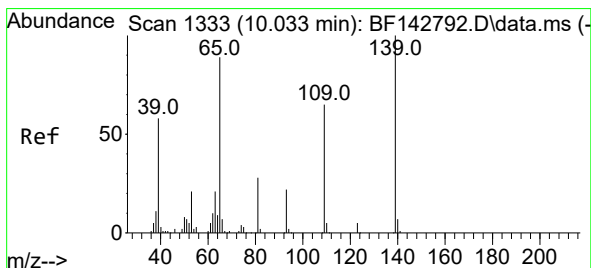
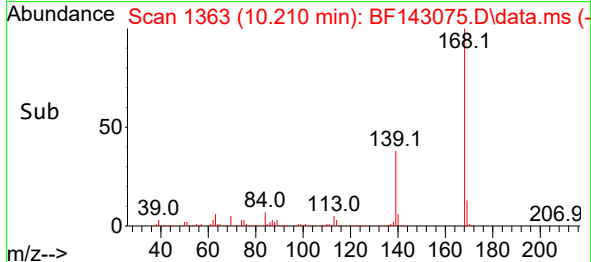
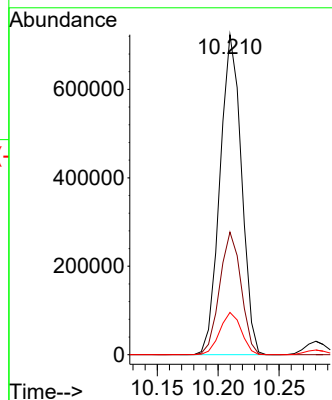
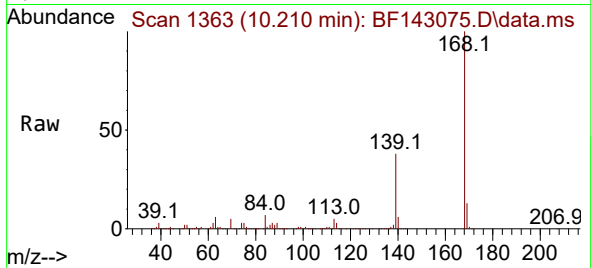




#55
Dibenzenofuran
Concen: 38.800 ng
RT: 10.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

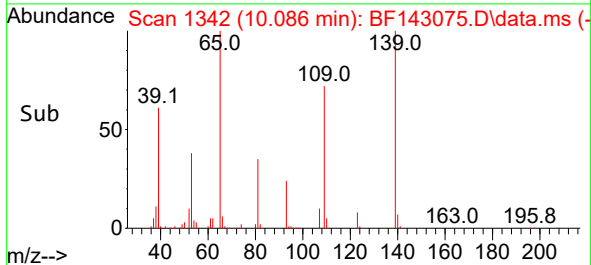
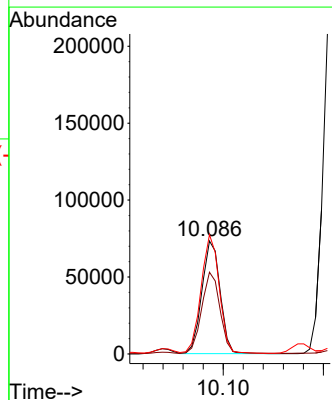
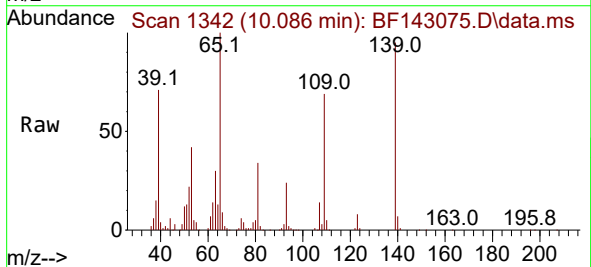
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

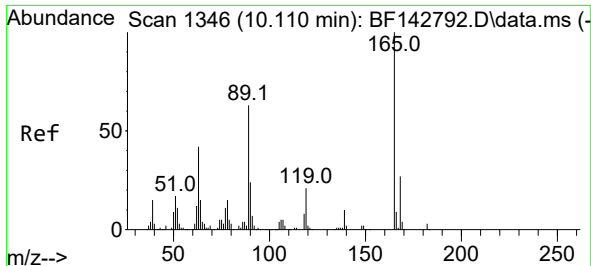
Tgt Ion:168 Resp: 890663
Ion Ratio Lower Upper
168 100
139 38.3 30.6 46.0
169 13.2 10.6 15.8



#56
4-Nitrophenol
Concen: 39.279 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

Tgt Ion:139 Resp: 92485
Ion Ratio Lower Upper
139 100
109 72.5 52.5 92.5
65 105.8 85.8 125.8

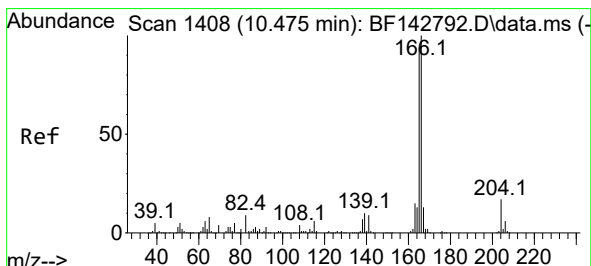
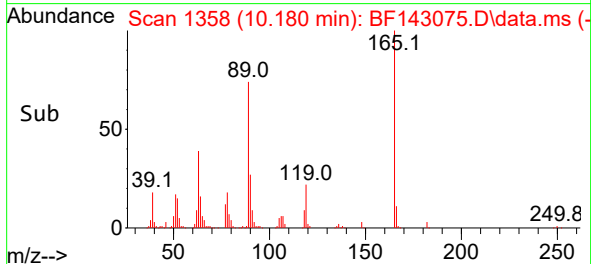
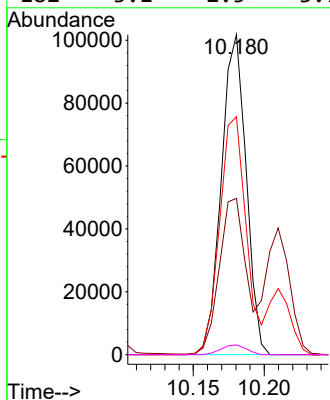
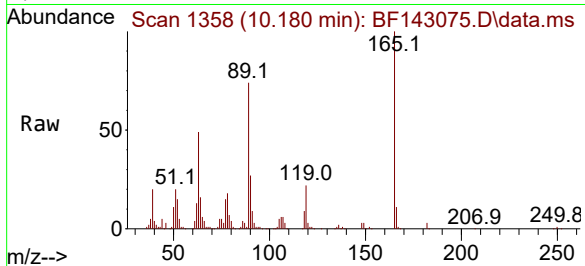




#57
2,4-Dinitrotoluene
Concen: 37.765 ng
RT: 10.180 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

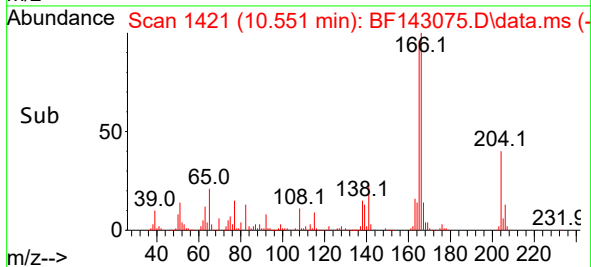
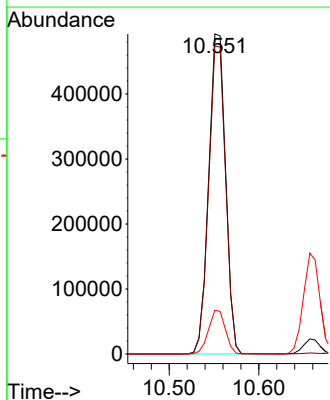
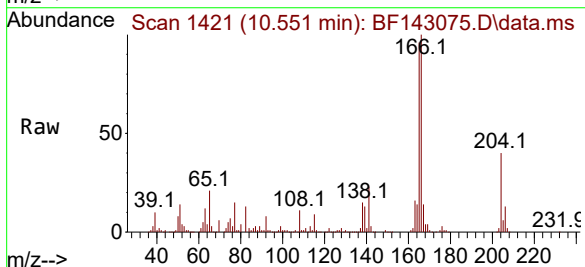
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

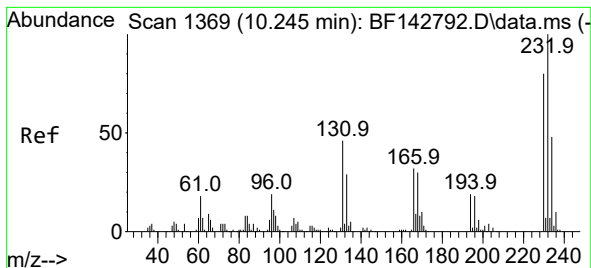
Tgt Ion:165 Resp: 123446
Ion Ratio Lower Upper
165 100
63 48.8 39.0 58.6
89 74.4 59.5 89.3
182 3.1 2.5 3.7



#58
Fluorene
Concen: 38.342 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

Tgt Ion:166 Resp: 644286
Ion Ratio Lower Upper
166 100
165 96.2 77.0 115.4
167 13.6 10.9 16.3

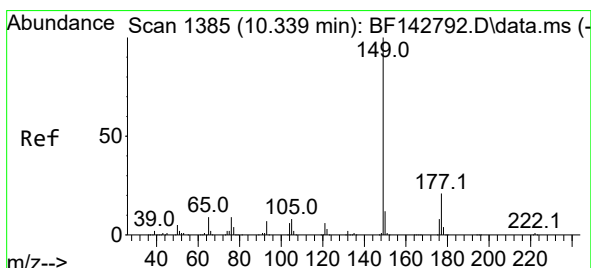
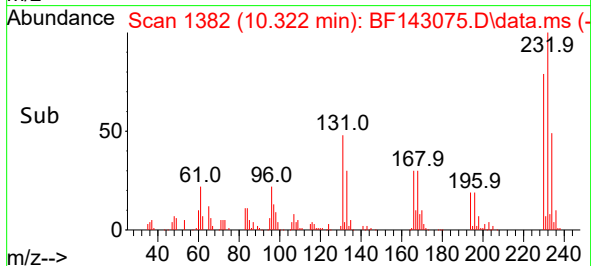
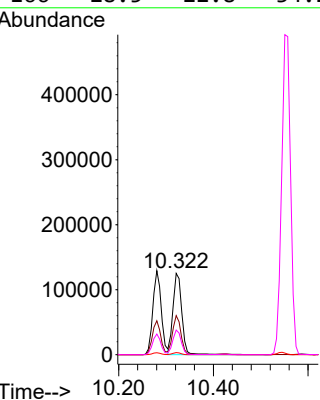
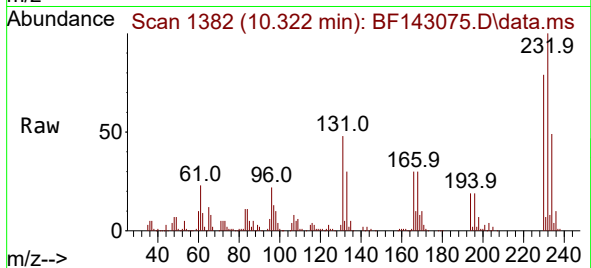




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.417 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

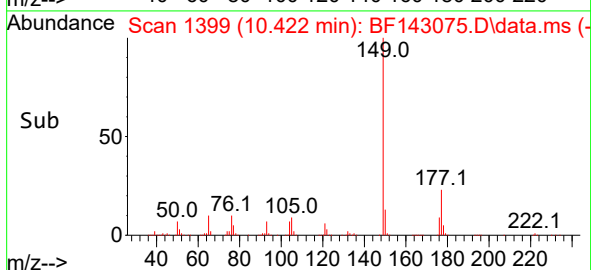
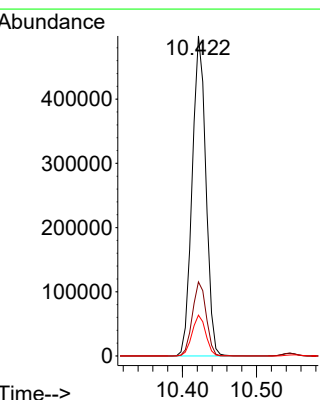
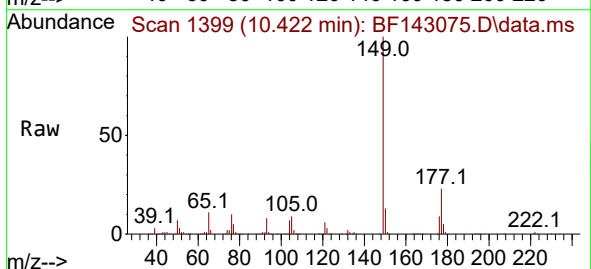
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

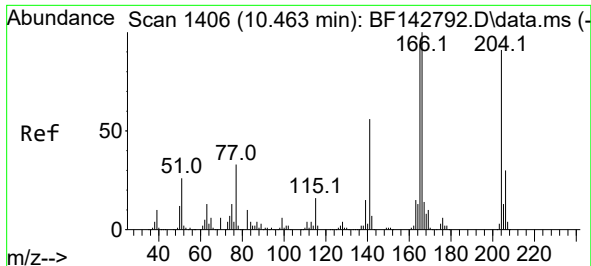
Tgt Ion:232 Resp: 163013
Ion Ratio Lower Upper
232 100
131 46.4 37.1 55.7
130 2.3 1.8 2.8
166 28.5 22.8 34.2



#60
Diethylphthalate
Concen: 40.080 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

Tgt Ion:149 Resp: 640618
Ion Ratio Lower Upper
149 100
177 23.2 18.6 27.8
150 12.8 10.2 15.4

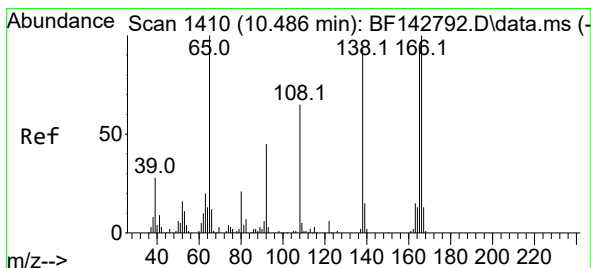
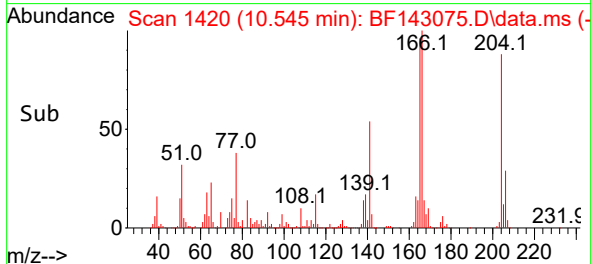
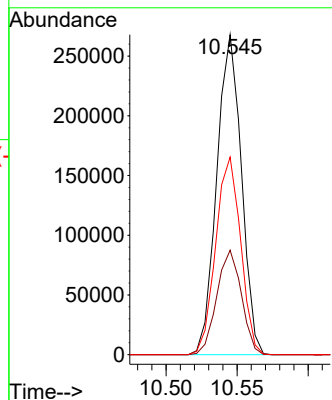
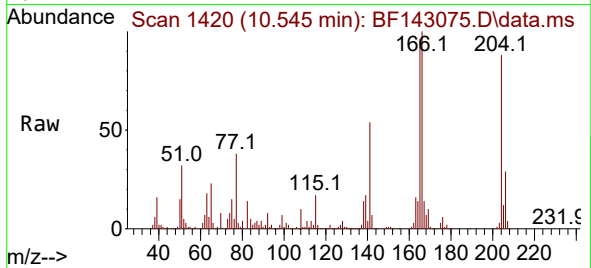




#61
4-Chlorophenyl-phenylether
Concen: 38.675 ng
RT: 10.545 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

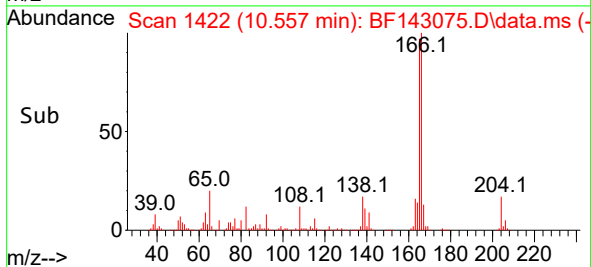
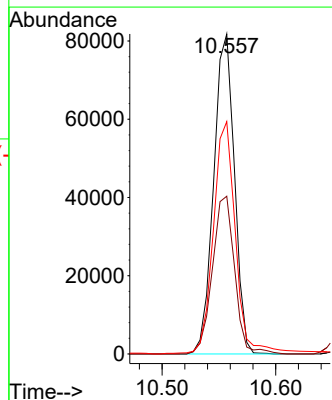
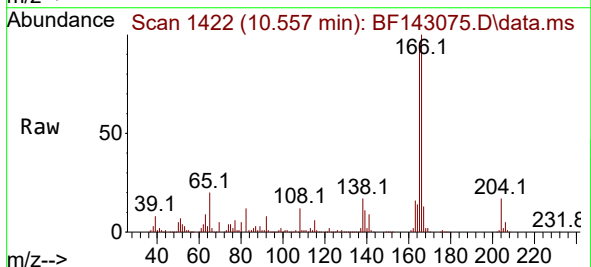
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

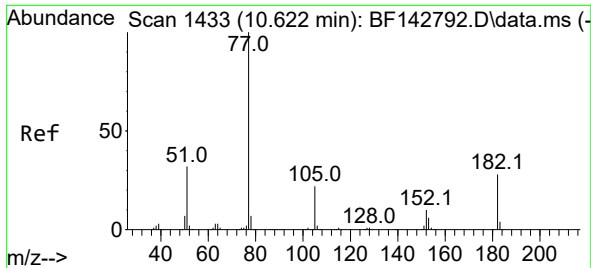
Tgt Ion:204 Resp: 323010
Ion Ratio Lower Upper
204 100
206 32.6 26.1 39.1
141 61.8 49.4 74.2



#62
4-Nitroaniline
Concen: 39.379 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

Tgt Ion:138 Resp: 103765
Ion Ratio Lower Upper
138 100
92 49.3 29.3 69.3
108 72.6 52.6 92.6

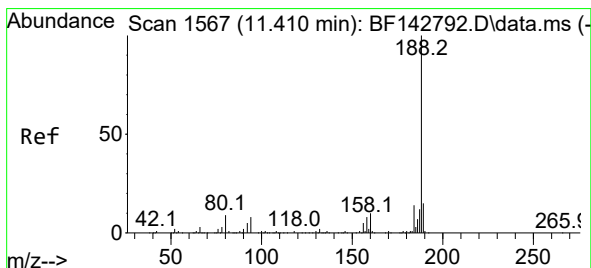
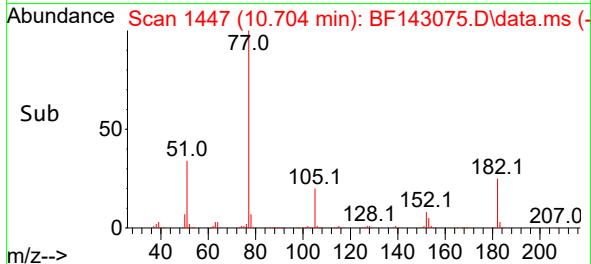
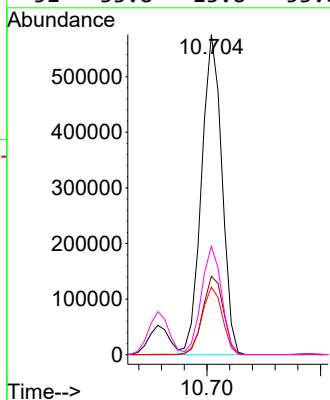
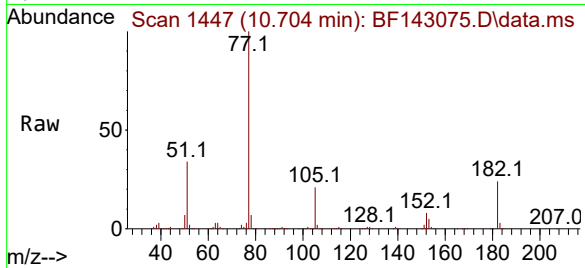




#63
Azobenzene
Concen: 39.346 ng
RT: 10.704 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

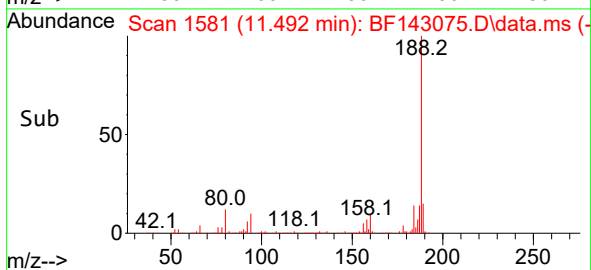
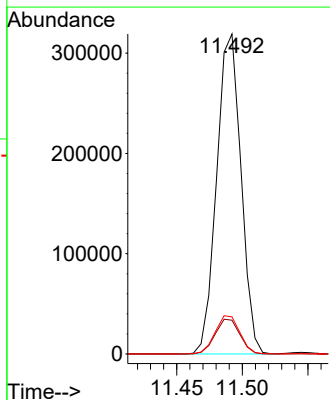
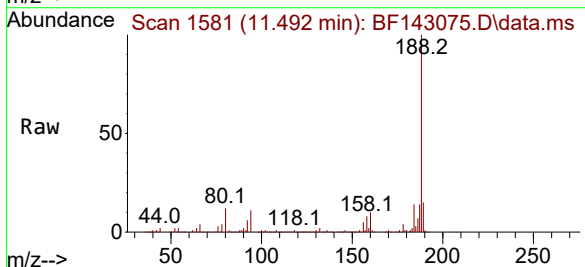
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

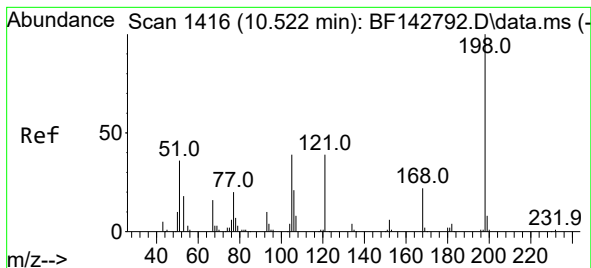
Tgt Ion: 77	Resp: 715945
Ion Ratio	Lower Upper
77 100	
182 24.5	4.5 44.5
105 21.2	1.2 41.2
51 33.8	13.8 53.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

Tgt Ion:188	Resp: 411774		
Ion Ratio	Lower	Upper	
188 100			
94 10.5	8.4	12.6	
80 11.6	9.3	13.9	

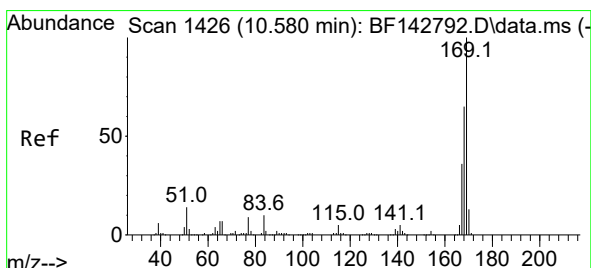
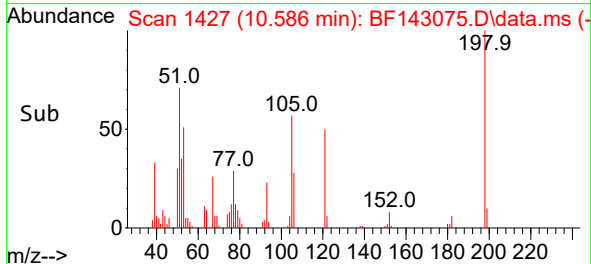
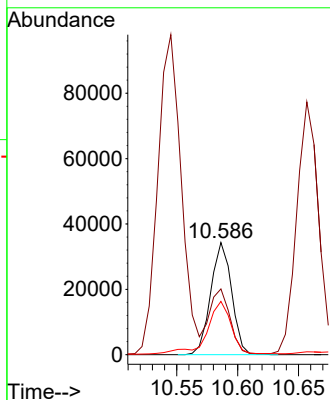
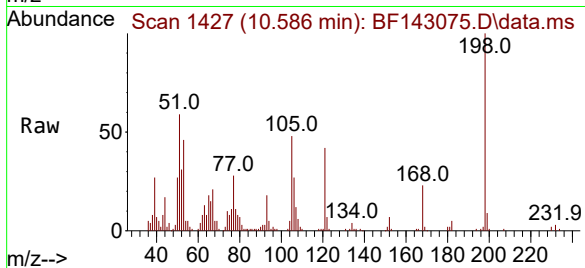




#65
4,6-Dinitro-2-methylphenol
Concen: 38.685 ng
RT: 10.586 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

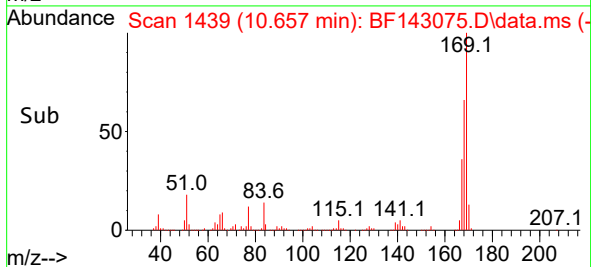
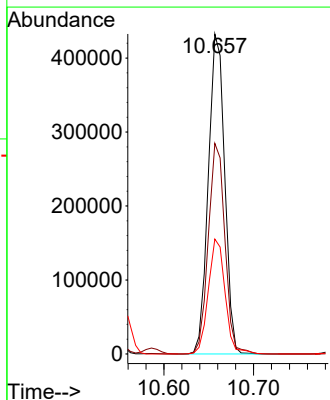
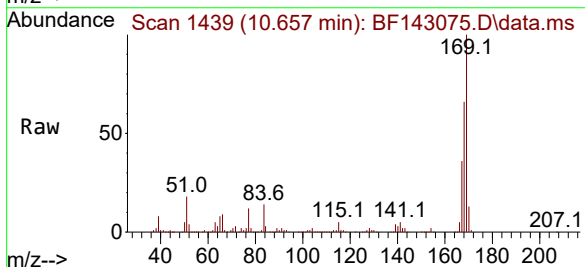
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

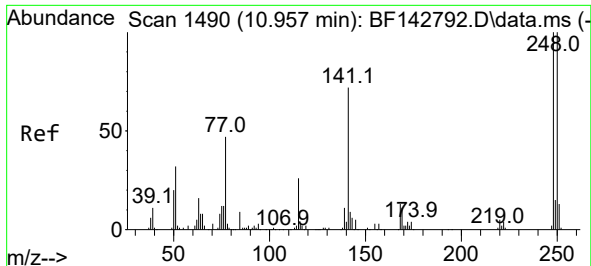
Tgt Ion:198 Resp: 40897
Ion Ratio Lower Upper
198 100
51 58.7 38.7 78.7
105 47.6 27.6 67.6



#66
n-Nitrosodiphenylamine
Concen: 38.646 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

Tgt Ion:169 Resp: 546819
Ion Ratio Lower Upper
169 100
168 65.8 52.6 79.0
167 35.9 28.7 43.1

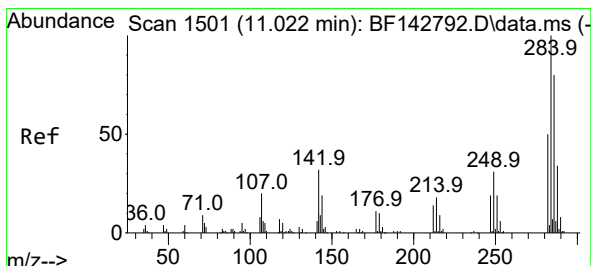
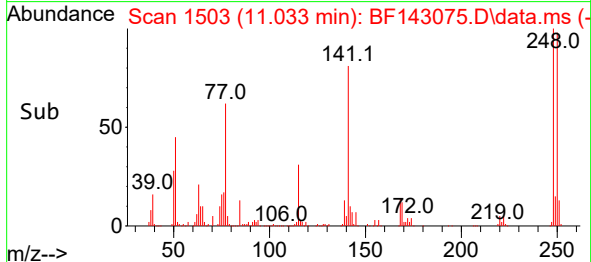
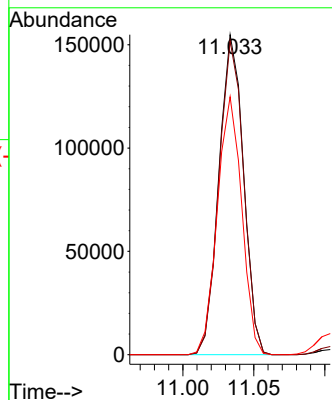
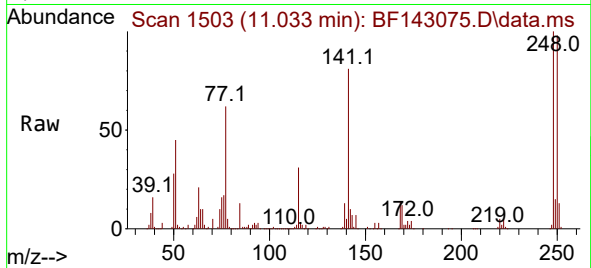




#67
4-Bromophenyl-phenylether
Concen: 39.009 ng
RT: 11.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

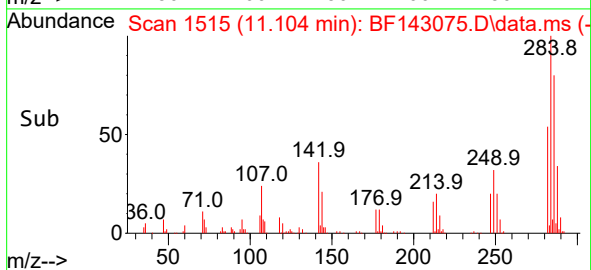
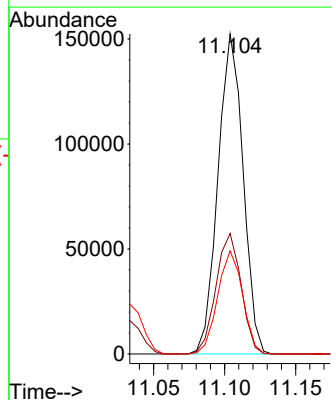
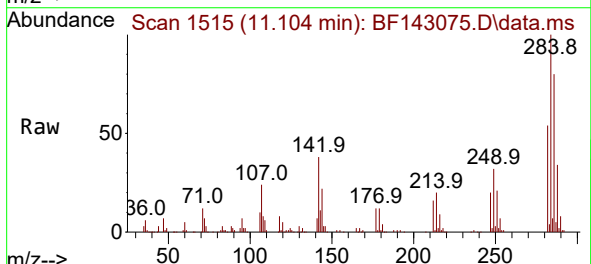
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

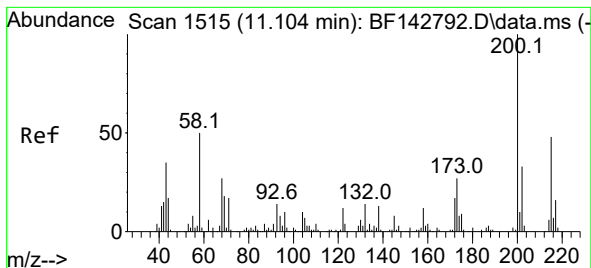
Tgt Ion:248 Resp: 186701
Ion Ratio Lower Upper
248 100
250 98.1 78.5 117.7
141 80.6 64.5 96.7



#68
Hexachlorobenzene
Concen: 38.851 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

Tgt Ion:284 Resp: 187107
Ion Ratio Lower Upper
284 100
142 37.6 30.1 45.1
249 32.2 25.8 38.6





#69

Atrazine

Concen: 38.885 ng

RT: 11.180 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143075.D

Acq: 11 Jul 2025 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

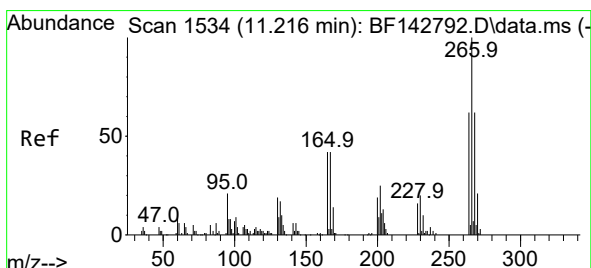
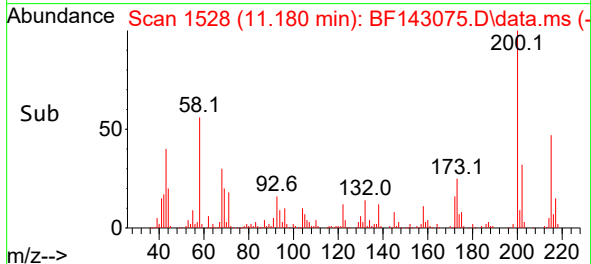
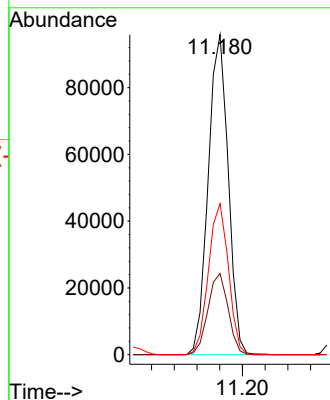
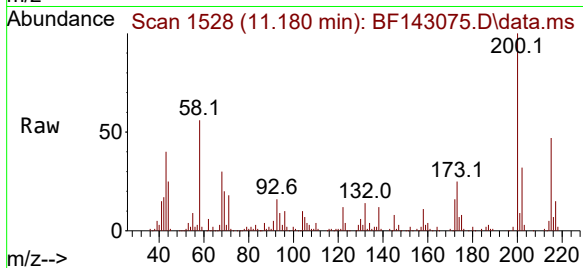
Tgt Ion:200 Resp: 117162

Ion Ratio Lower Upper

200 100

173 25.3 5.3 45.3

215 47.2 27.2 67.2



#70

Pentachlorophenol

Concen: 41.046 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.000 min

Lab File: BF143075.D

Acq: 11 Jul 2025 14:18

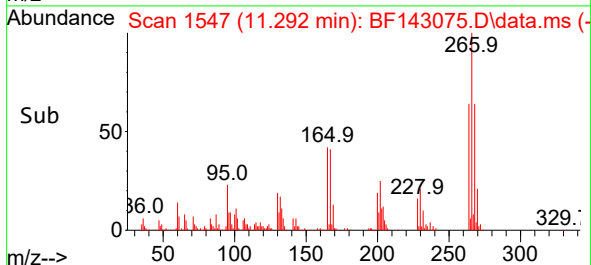
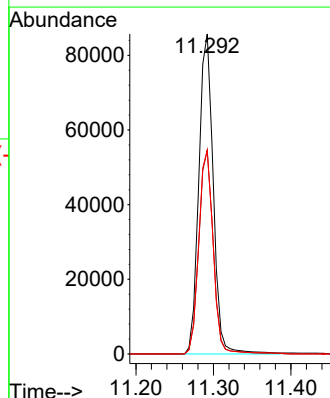
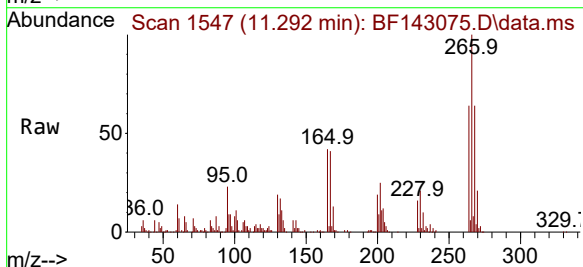
Tgt Ion:266 Resp: 110915

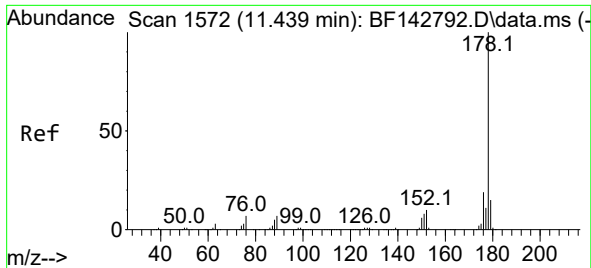
Ion Ratio Lower Upper

266 100

268 63.6 50.9 76.3

264 63.7 51.0 76.4

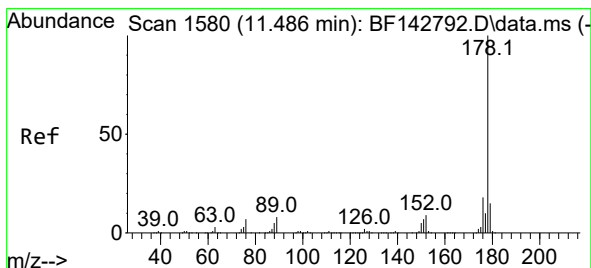
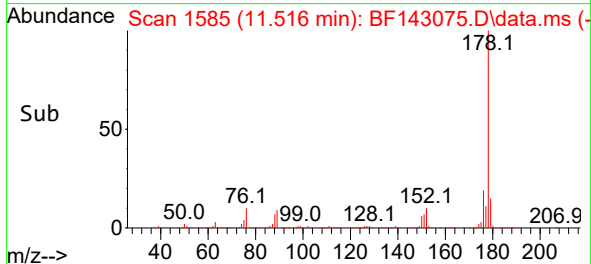
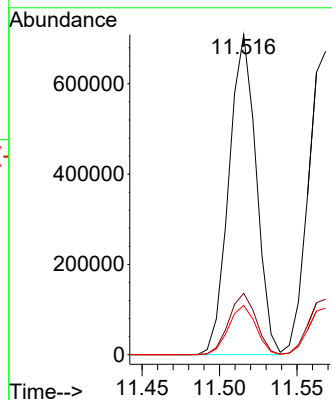
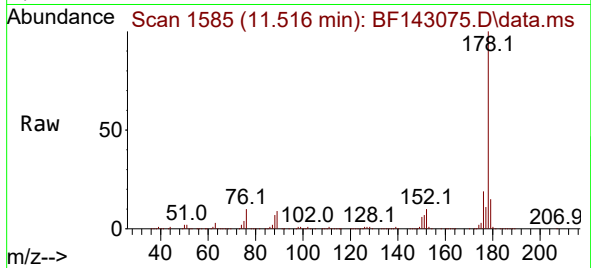




#71
Phenanthrene
Concen: 38.441 ng
RT: 11.516 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

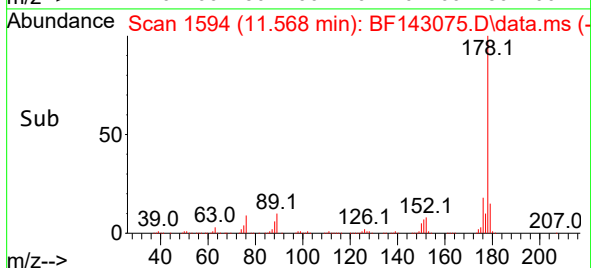
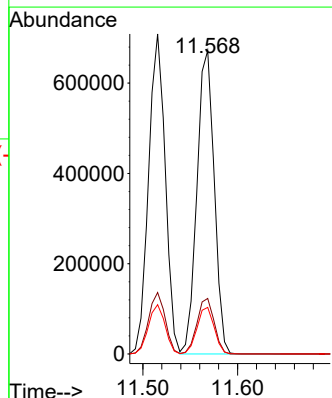
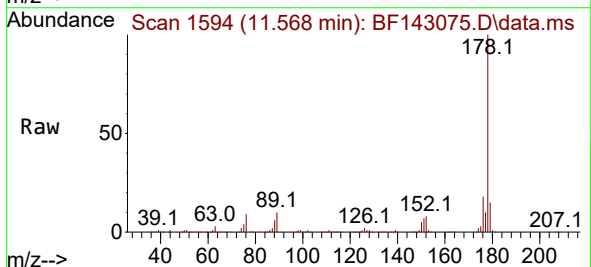
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

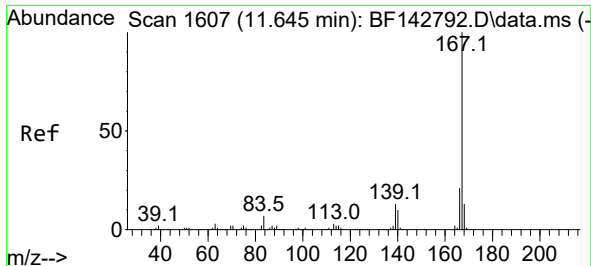
Tgt Ion:178 Resp: 867458
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.4 12.3 18.5



#72
Anthracene
Concen: 38.684 ng
RT: 11.568 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

Tgt Ion:178 Resp: 850797
Ion Ratio Lower Upper
178 100
176 18.3 14.6 22.0
179 15.4 12.3 18.5

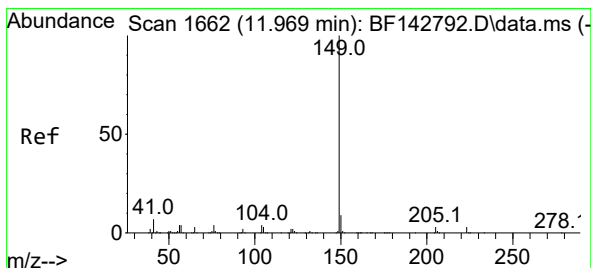
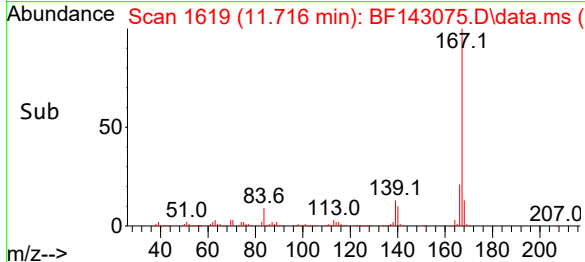
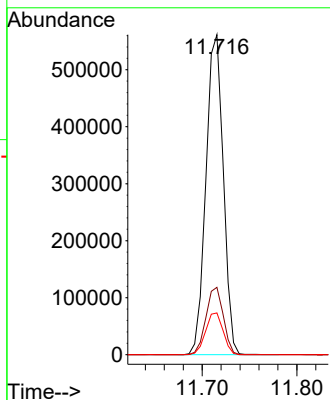
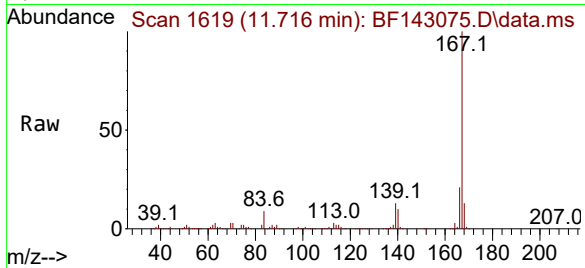




#73
Carbazole
Concen: 39.285 ng
RT: 11.716 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

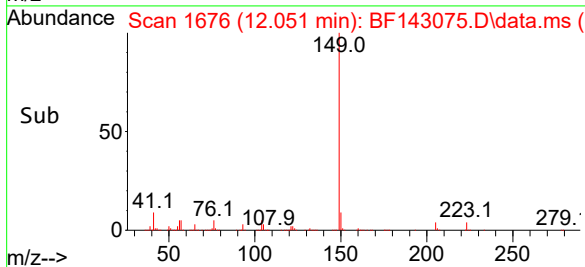
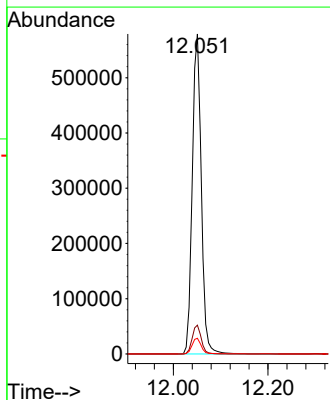
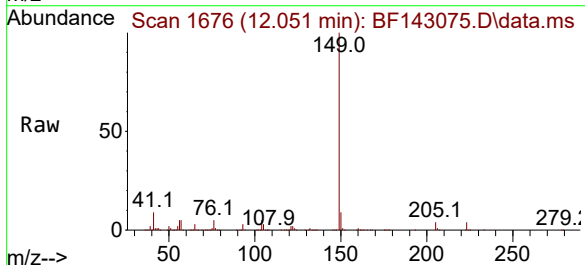
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

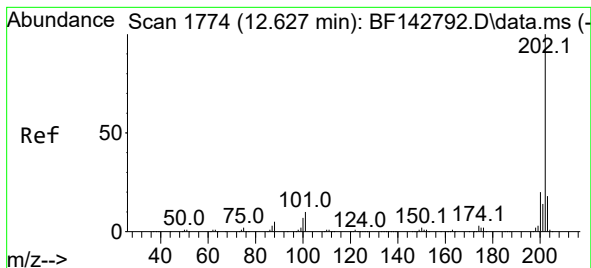
Tgt Ion:167 Resp: 714100
Ion Ratio Lower Upper
167 100
166 21.1 16.9 25.3
139 13.1 10.5 15.7



#74
Di-n-butylphthalate
Concen: 42.262 ng
RT: 12.051 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

Tgt Ion:149 Resp: 761959
Ion Ratio Lower Upper
149 100
150 9.0 7.2 10.8
104 4.9 3.9 5.9





#75

Fluoranthene

Concen: 38.734 ng

RT: 12.704 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143075.D

Acq: 11 Jul 2025 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

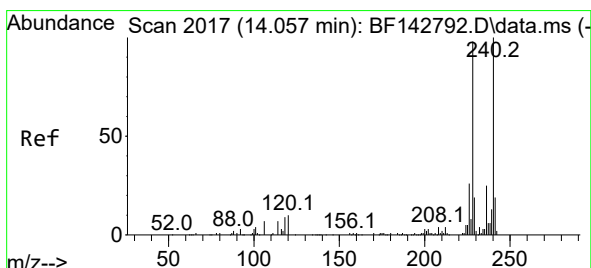
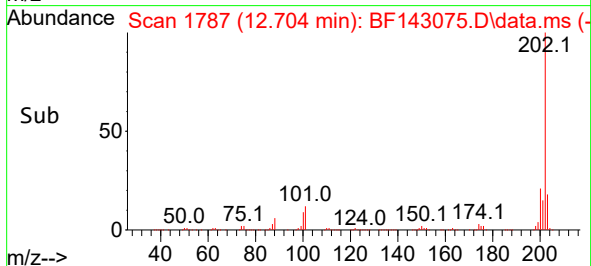
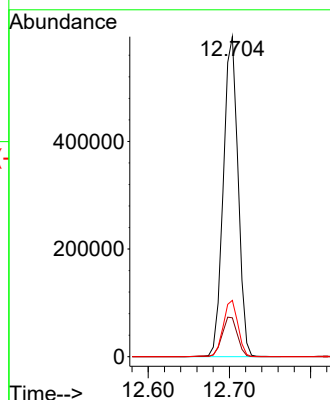
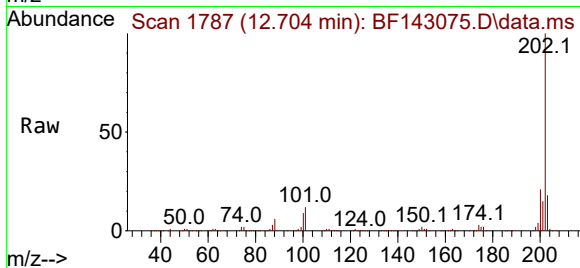
Tgt Ion:202 Resp: 751803

Ion Ratio Lower Upper

202 100

101 12.2 0.0 32.2

203 17.6 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: BF143075.D

Acq: 11 Jul 2025 14:18

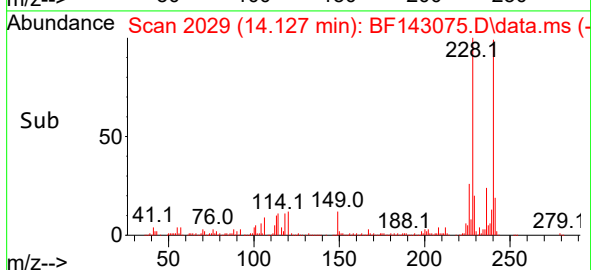
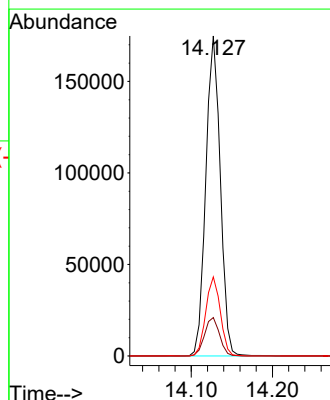
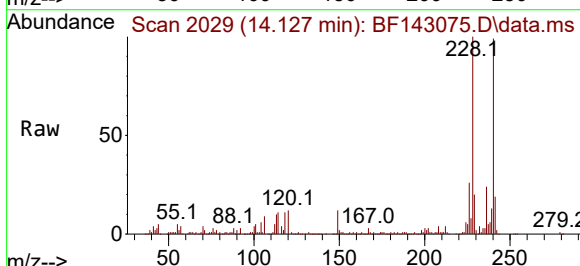
Tgt Ion:240 Resp: 215787

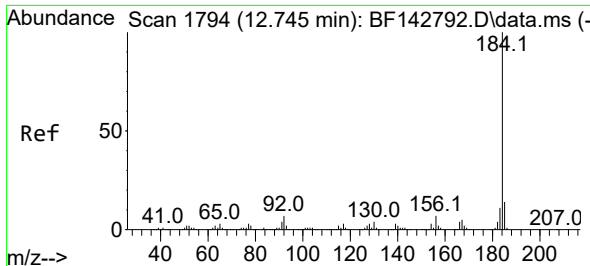
Ion Ratio Lower Upper

240 100

120 12.0 9.6 14.4

236 24.7 19.8 29.6

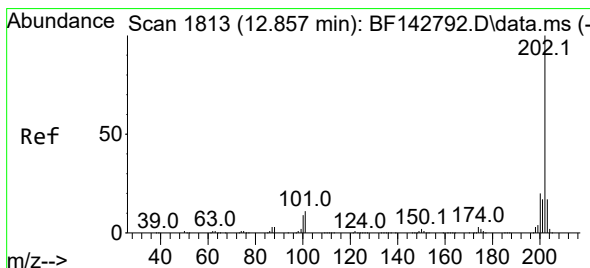
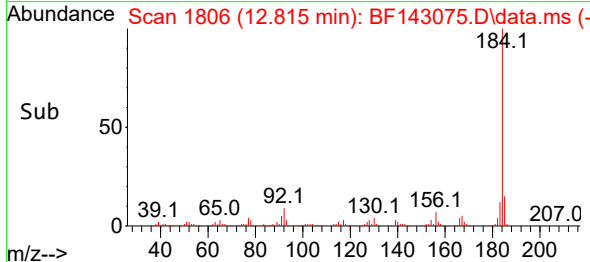
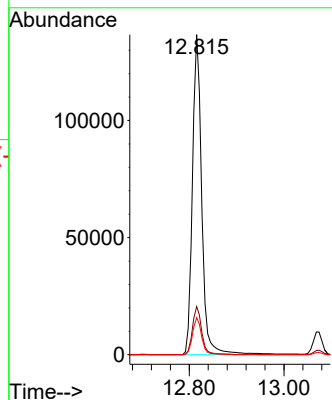
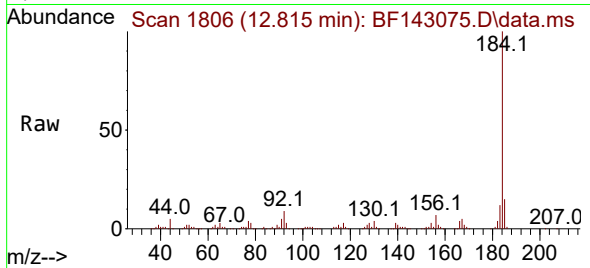




#77
Benzidine
Concen: 43.680 ng
RT: 12.815 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

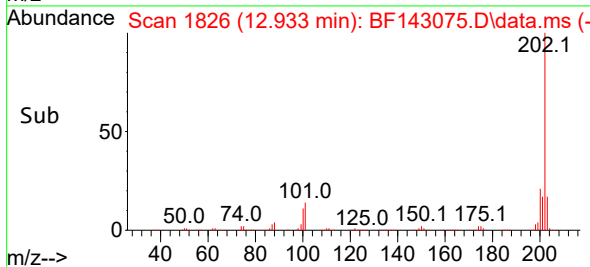
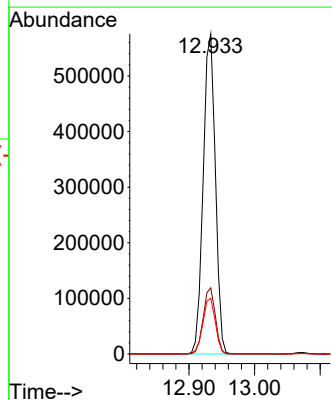
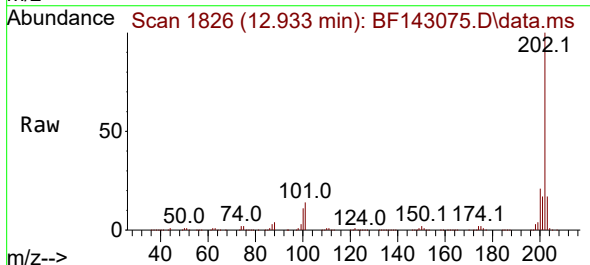
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

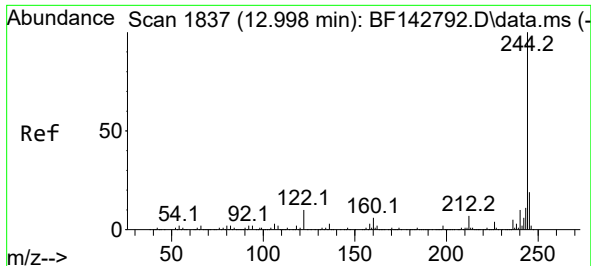
Tgt Ion:184 Resp: 187067
Ion Ratio Lower Upper
184 100
185 15.1 12.1 18.1
183 11.5 9.2 13.8



#78
Pyrene
Concen: 39.557 ng
RT: 12.933 min Scan# 1826
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

Tgt Ion:202 Resp: 745742
Ion Ratio Lower Upper
202 100
200 20.6 16.5 24.7
203 17.4 13.9 20.9

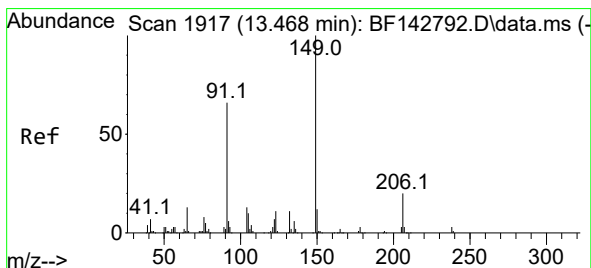
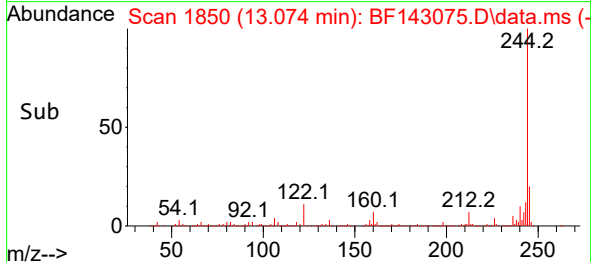
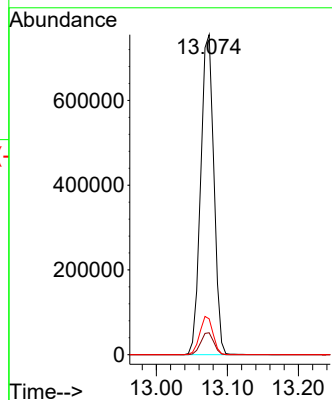
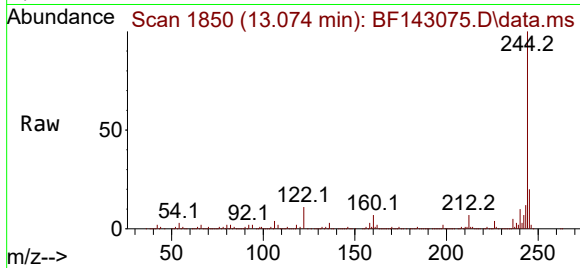




#79
 Terphenyl-d14
 Concen: 78.262 ng
 RT: 13.074 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF143075.D
 Acq: 11 Jul 2025 14:18

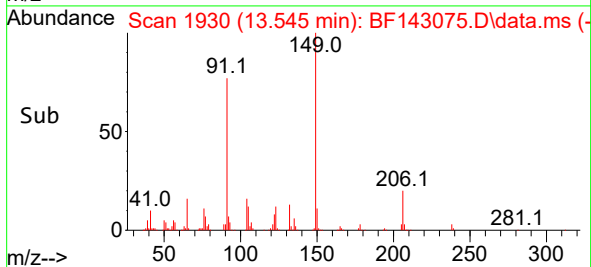
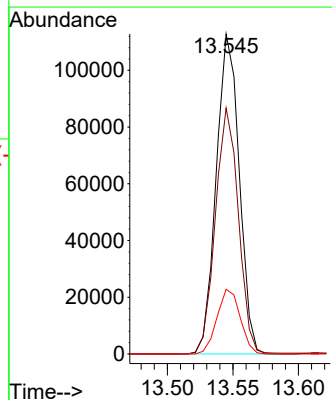
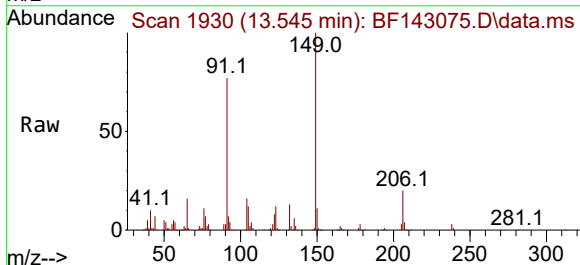
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

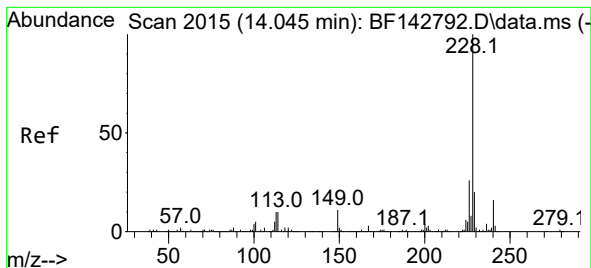
Tgt Ion:244 Resp: 977528
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 11.2 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 37.940 ng
 RT: 13.545 min Scan# 1930
 Delta R.T. -0.000 min
 Lab File: BF143075.D
 Acq: 11 Jul 2025 14:18

Tgt Ion:149 Resp: 137404
 Ion Ratio Lower Upper
 149 100
 91 76.9 61.5 92.3
 206 20.2 16.2 24.2





#81

Benzo(a)anthracene

Concen: 38.552 ng

RT: 14.115 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF143075.D

Acq: 11 Jul 2025 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

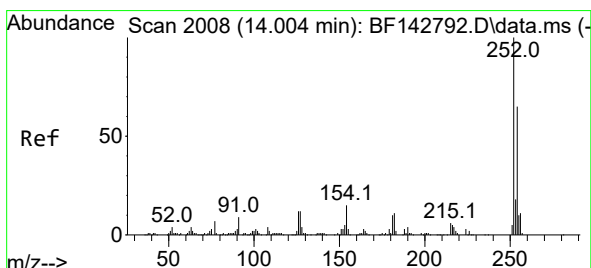
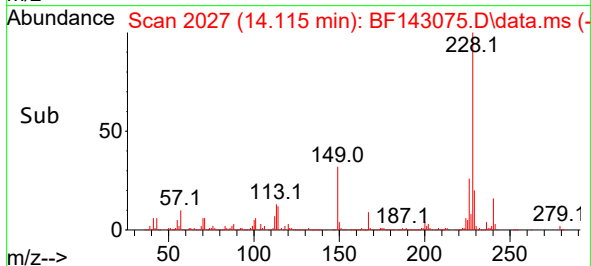
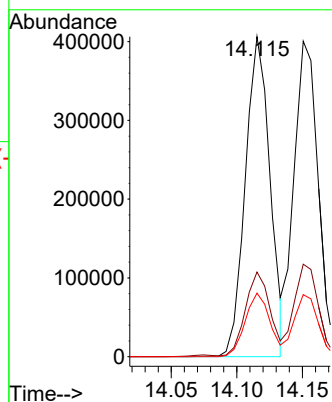
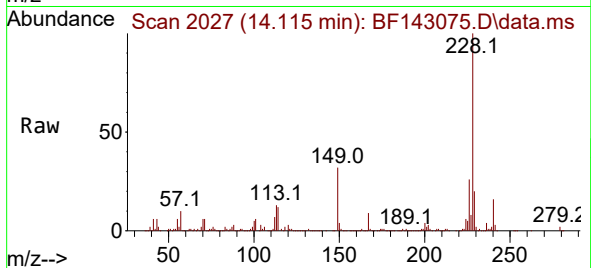
Tgt Ion:228 Resp: 532168

Ion Ratio Lower Upper

228 100

226 26.4 21.1 31.7

229 19.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 39.102 ng

RT: 14.074 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF143075.D

Acq: 11 Jul 2025 14:18

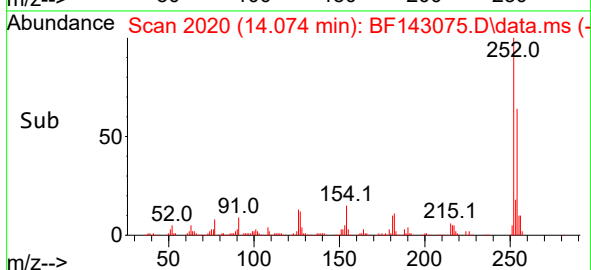
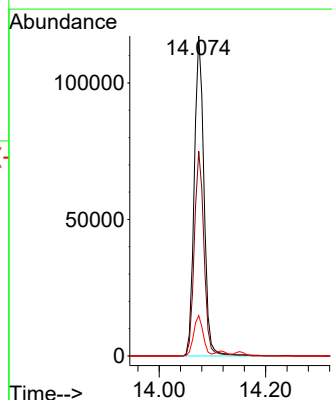
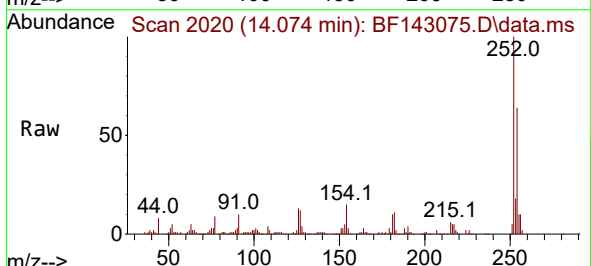
Tgt Ion:252 Resp: 148718

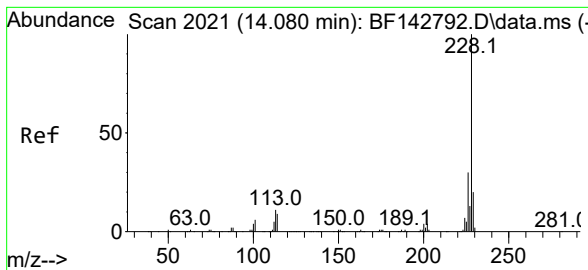
Ion Ratio Lower Upper

252 100

254 64.0 51.2 76.8

126 12.6 10.1 15.1





#83

Chrysene

Concen: 39.765 ng

RT: 14.151 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF143075.D

Acq: 11 Jul 2025 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

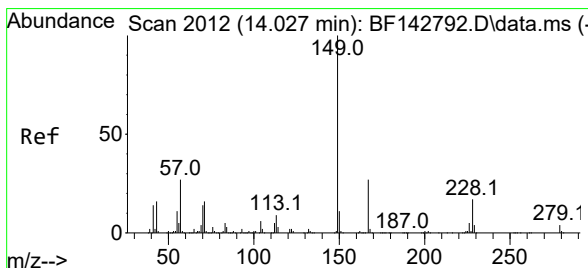
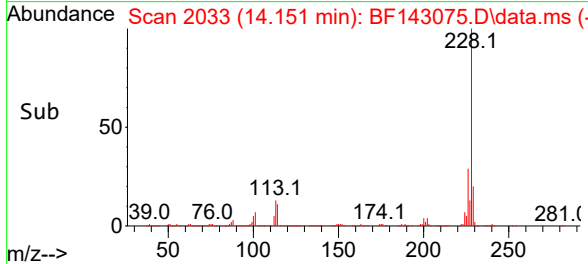
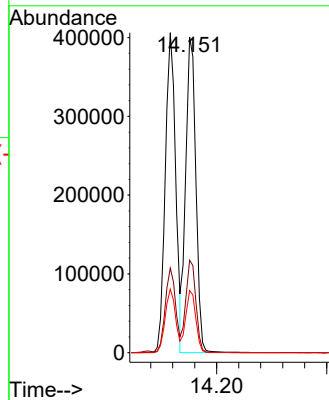
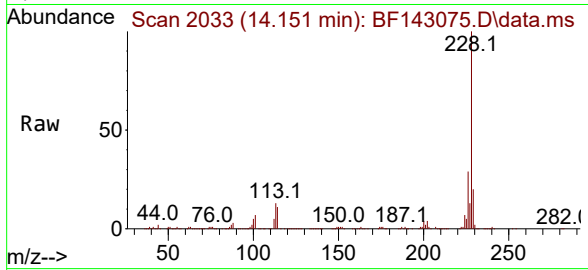
Tgt Ion:228 Resp: 514750

Ion Ratio Lower Upper

228 100

226 29.3 23.4 35.2

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.509 ng

RT: 14.110 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF143075.D

Acq: 11 Jul 2025 14:18

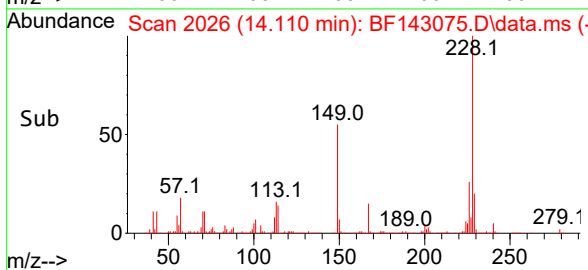
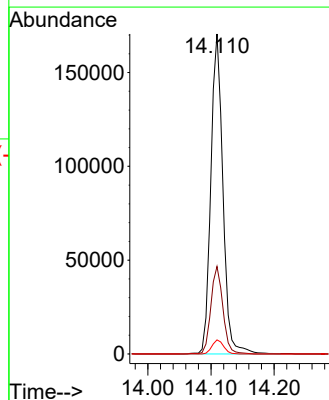
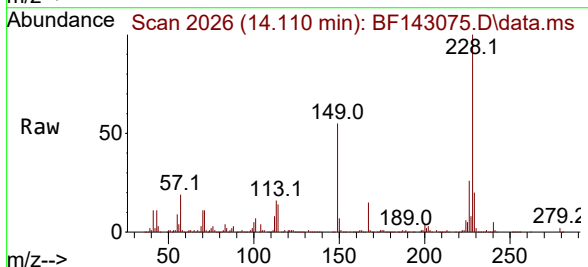
Tgt Ion:149 Resp: 226631

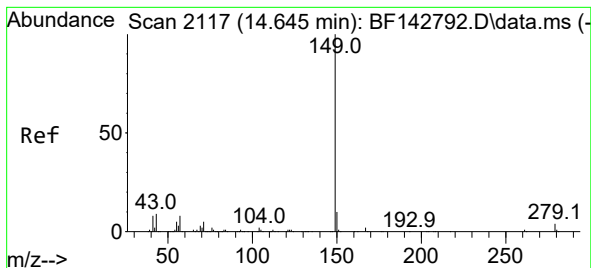
Ion Ratio Lower Upper

149 100

167 27.4 21.9 32.9

279 4.4 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 36.381 ng

RT: 14.727 min Scan# 2117

Delta R.T. 0.000 min

Lab File: BF143075.D

Acq: 11 Jul 2025 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

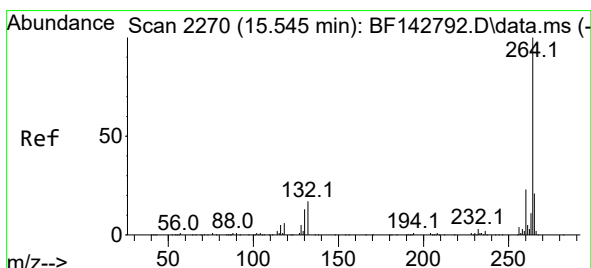
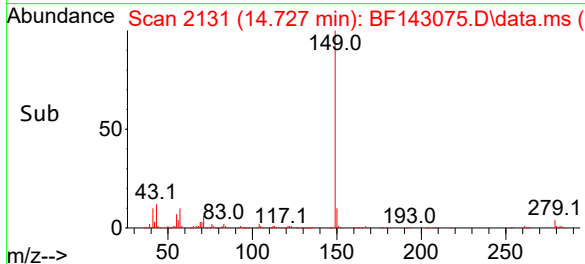
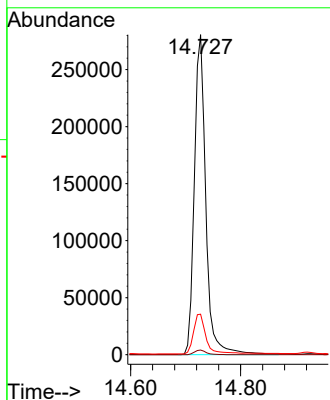
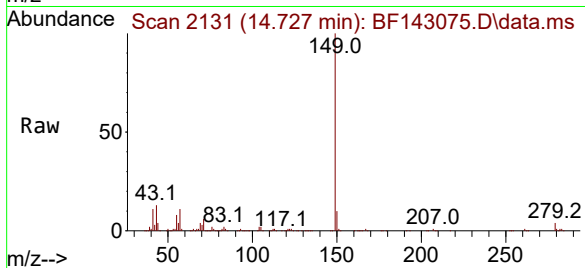
Tgt Ion:149 Resp: 406207

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 13.4 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: BF143075.D

Acq: 11 Jul 2025 14:18

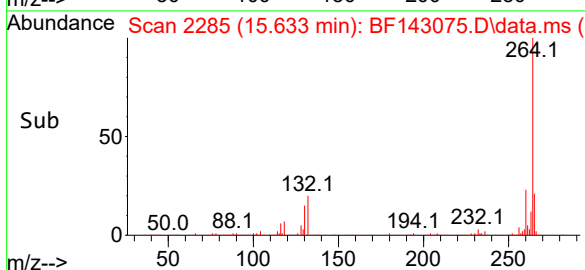
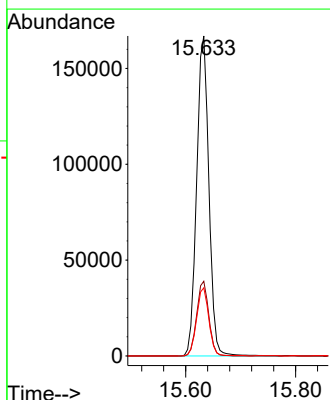
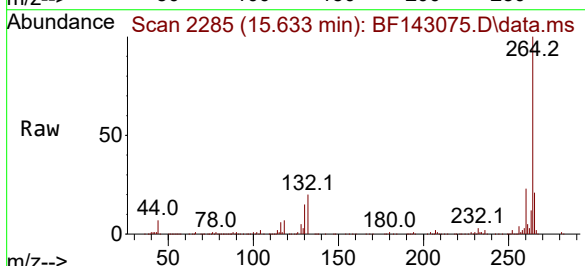
Tgt Ion:264 Resp: 257944

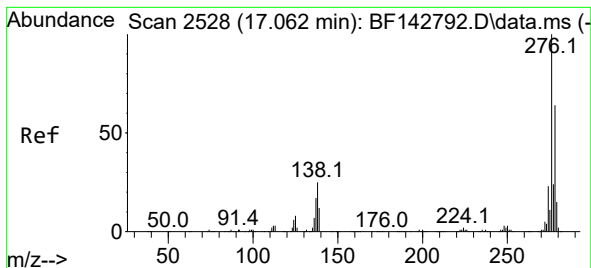
Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.3 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.524 ng

RT: 17.174 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143075.D

Acq: 11 Jul 2025 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

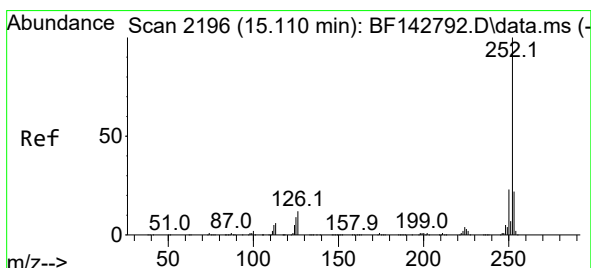
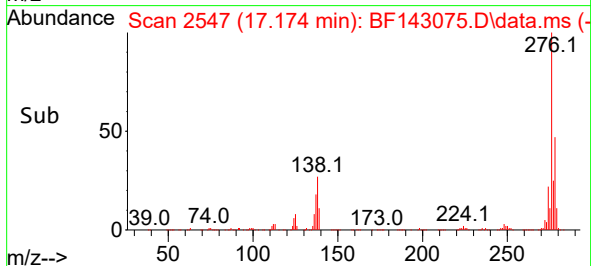
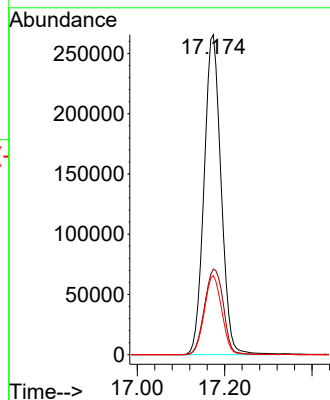
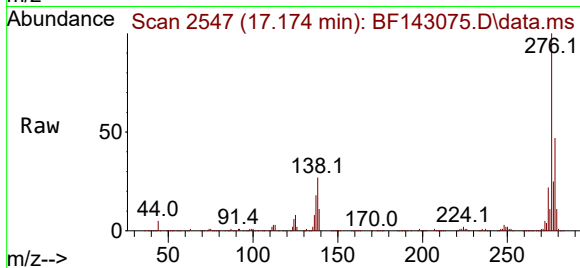
Tgt Ion:276 Resp: 718363

Ion Ratio Lower Upper

276 100

138 29.7 23.8 35.6

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 41.759 ng

RT: 15.186 min Scan# 2209

Delta R.T. 0.000 min

Lab File: BF143075.D

Acq: 11 Jul 2025 14:18

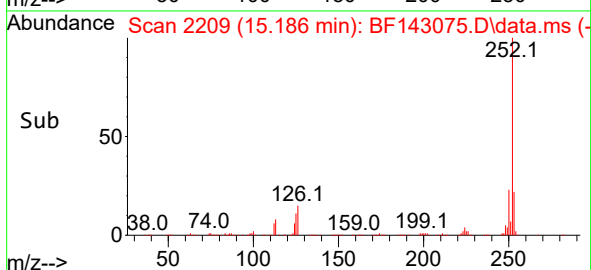
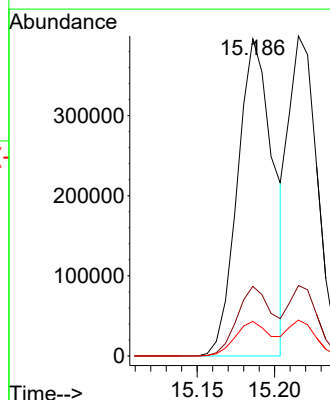
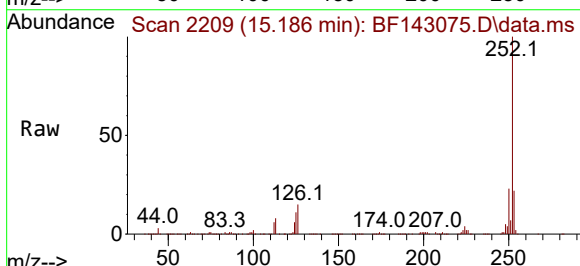
Tgt Ion:252 Resp: 633801

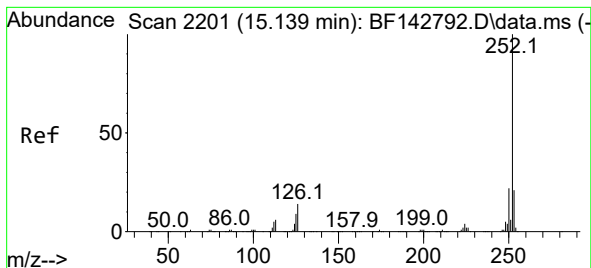
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 10.9 8.7 13.1





#89

Benzo(k)fluoranthene

Concen: 38.355 ng

RT: 15.215 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143075.D

Acq: 11 Jul 2025 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

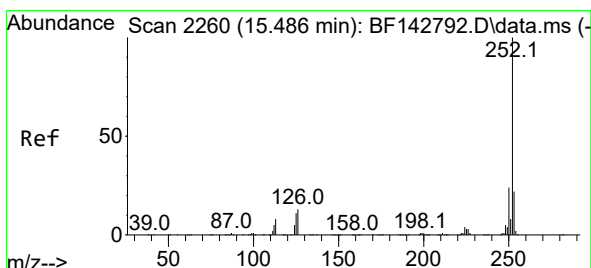
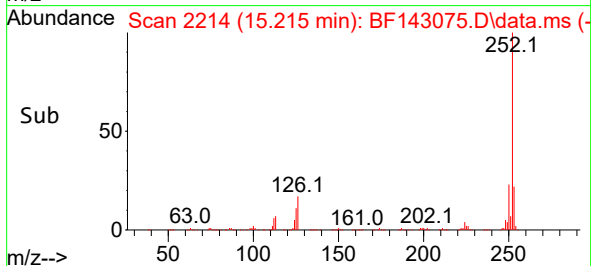
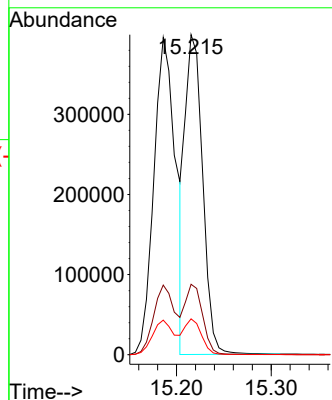
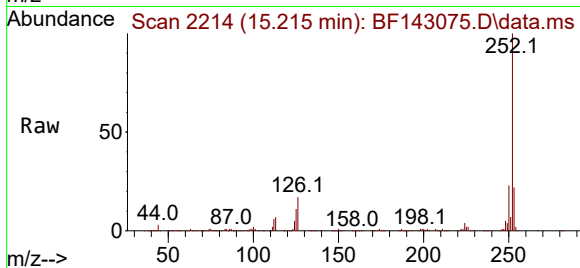
Tgt Ion:252 Resp: 514118

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 11.2 9.0 13.4



#90

Benzo(a)pyrene

Concen: 40.737 ng

RT: 15.568 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF143075.D

Acq: 11 Jul 2025 14:18

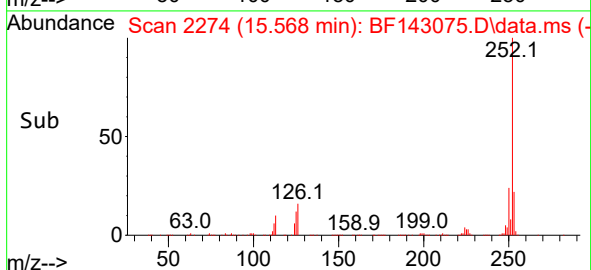
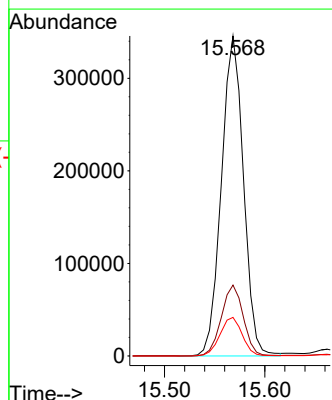
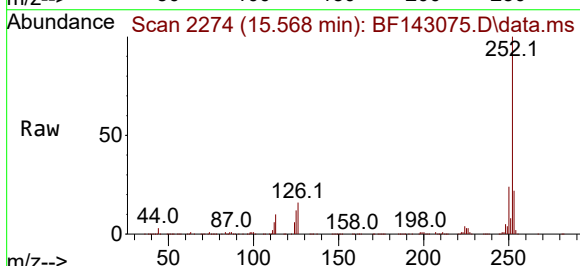
Tgt Ion:252 Resp: 528294

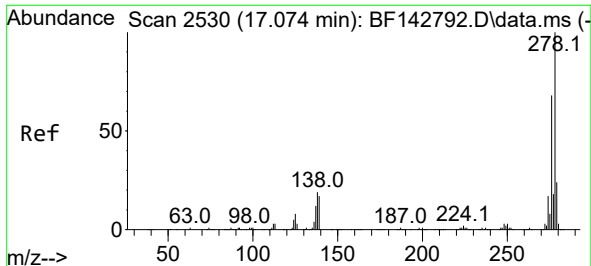
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 12.1 9.7 14.5

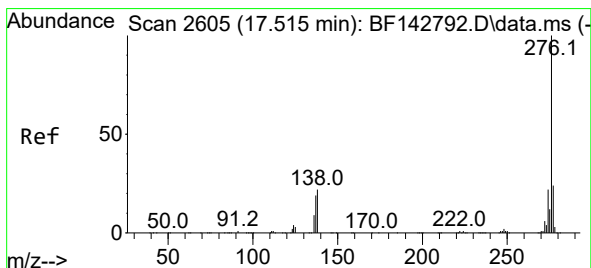
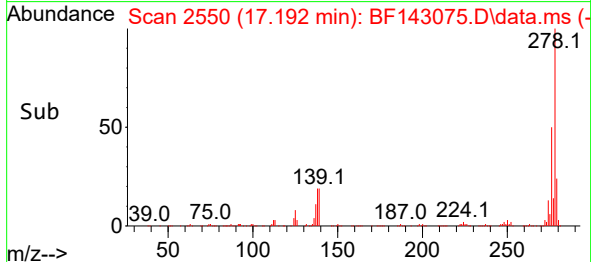
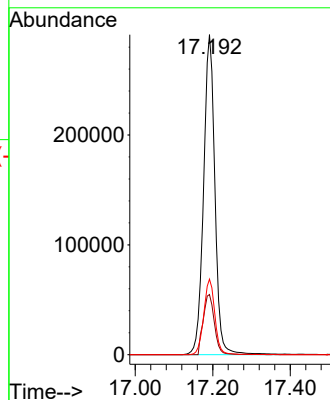
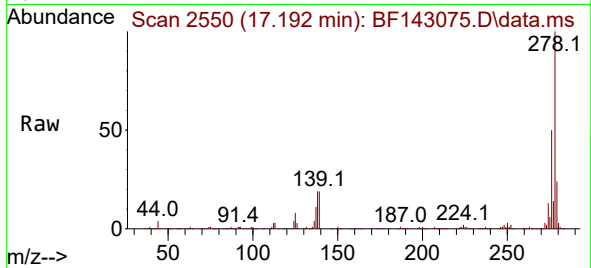




#91
Dibenzo(a,h)anthracene
Concen: 40.903 ng
RT: 17.192 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 592066
Ion Ratio Lower Upper
278 100
139 18.8 15.0 22.6
279 23.6 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 40.502 ng
RT: 17.639 min Scan# 2626
Delta R.T. 0.000 min
Lab File: BF143075.D
Acq: 11 Jul 2025 14:18

Tgt Ion:276 Resp: 616695
Ion Ratio Lower Upper
276 100
277 23.2 18.6 27.8
138 25.6 20.5 30.7

