

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
 Data File : BF143539.D
 Acq On : 21 Aug 2025 19:32
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Aug 22 01:02:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 21 06:12:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	110484	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	402251	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	197751	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	266164	20.000	ng	0.00
76) Chrysene-d12	14.098	240	224613	20.000	ng	0.00
86) Perylene-d12	15.592	264	256535	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	502829	79.470	ng	0.00
7) Phenol-d6	6.563	99	607545	77.784	ng	-0.01
23) Nitrobenzene-d5	7.487	82	560673	81.337	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	131942	71.678	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1001186	83.673	ng	0.00
79) Terphenyl-d14	13.033	244	798863	62.064	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	114523	39.072	ng	99
3) Pyridine	3.510	79	304538	39.009	ng	99
4) n-Nitrosodimethylamine	3.457	42	139889	39.860	ng	97
6) Aniline	6.587	93	401267	38.435	ng	# 84
8) 2-Chlorophenol	6.716	128	275473	39.418	ng	100
9) Benzaldehyde	6.481	77	294783	46.616	ng	100
10) Phenol	6.575	94	354741	39.425	ng	92
11) bis(2-Chloroethyl)ether	6.657	93	260716	38.774	ng	100
12) 1,3-Dichlorobenzene	6.869	146	305256	38.875	ng	99
13) 1,4-Dichlorobenzene	6.945	146	310463	39.416	ng	99
14) 1,2-Dichlorobenzene	7.098	146	290881	39.005	ng	100
15) Benzyl Alcohol	7.069	79	233545	39.937	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.193	45	405626	37.707	ng	85
17) 2-Methylphenol	7.181	107	218625	38.978	ng	96
18) Hexachloroethane	7.440	117	107596	40.177	ng	98
19) n-Nitroso-di-n-propyla...	7.340	70	186353	39.035	ng	99
20) 3+4-Methylphenols	7.334	107	267236	39.911	ng	98
22) Acetophenone	7.334	105	346144	39.831	ng	99
24) Nitrobenzene	7.510	77	292216	41.188	ng	99
25) Isophorone	7.745	82	511518	40.481	ng	100
26) 2-Nitrophenol	7.822	139	144354	41.538	ng	96
27) 2,4-Dimethylphenol	7.863	122	214593	39.611	ng	98
28) bis(2-Chloroethoxy)met...	7.951	93	309875	39.904	ng	100
29) 2,4-Dichlorophenol	8.069	162	227965	39.400	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	235019	39.508	ng	100
31) Naphthalene	8.234	128	758151	39.258	ng	100
32) Benzoic acid	7.975	122	95321	32.943	ng	98
33) 4-Chloroaniline	8.275	127	264368	38.570	ng	99
34) Hexachlorobutadiene	8.351	225	157980	40.705	ng	100
35) Caprolactam	8.639	113	60796	43.789	ng	96
36) 4-Chloro-3-methylphenol	8.763	107	224793	38.769	ng	100
37) 2-Methylnaphthalene	8.922	142	498908	38.680	ng	98
38) 1-Methylnaphthalene	9.022	142	468992	38.013	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	235213	41.583	ng	99
41) Hexachlorocyclopentadiene	9.081	237	80228	40.008	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	146031	41.956	ng	100

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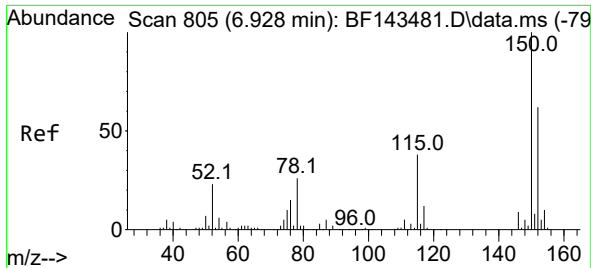
Quant Time: Aug 22 01:02:20 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	152926	40.224	ng	99
46) 1,1'-Biphenyl	9.386	154	586854	41.811	ng	99
47) 2-Chloronaphthalene	9.410	162	451645	41.011	ng	99
48) 2-Nitroaniline	9.504	65	134022	41.582	ng	96
49) Acenaphthylene	9.828	152	637603	40.434	ng	100
50) Dimethylphthalate	9.675	163	527145	44.261	ng	100
51) 2,6-Dinitrotoluene	9.739	165	105458	42.723	ng	96
52) Acenaphthene	9.998	154	425489	39.741	ng	99
53) 3-Nitroaniline	9.916	138	108314	40.609	ng	100
54) 2,4-Dinitrophenol	10.022	184	37584	31.881	ng	92
55) Dibenzofuran	10.169	168	596110	39.052	ng	98
56) 4-Nitrophenol	10.081	139	69103	43.542	ng	96
57) 2,4-Dinitrotoluene	10.145	165	134631	40.847	ng	97
58) Fluorene	10.516	166	450707	38.364	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	106720	37.783	ng	99
60) Diethylphthalate	10.381	149	466799	43.716	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	232448	39.562	ng	99
62) 4-Nitroaniline	10.528	138	96697	39.469	ng	97
63) Azobenzene	10.663	77	431460	38.969	ng	99
65) 4,6-Dinitro-2-methylph...	10.557	198	48200	32.117	ng	96
66) n-Nitrosodiphenylamine	10.622	169	379520	44.307	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	137974	43.446	ng	97
68) Hexachlorobenzene	11.069	284	139989	40.894	ng	98
69) Atrazine	11.145	200	112914	51.067	ng	99
70) Pentachlorophenol	11.263	266	129625	82.680	ng	99
71) Phenanthrene	11.475	178	569767	39.974	ng	100
72) Anthracene	11.528	178	576813	39.947	ng	100
73) Carbazole	11.680	167	479540	40.531	ng	100
74) Di-n-butylphthalate	12.004	149	568861	51.539	ng	99
75) Fluoranthene	12.669	202	523856	40.959	ng	99
77) Benzidine	12.786	184	195722	35.773	ng	100
78) Pyrene	12.898	202	545878	29.545	ng	99
80) Butylbenzylphthalate	13.504	149	222304	44.044	ng	97
81) Benzo(a)anthracene	14.086	228	565876	39.132	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	174738	42.194	ng	98
83) Chrysene	14.121	228	534990	41.167	ng	100
84) Bis(2-ethylhexyl)phtha...	14.069	149	330969	43.053	ng	100
85) Di-n-octyl phthalate	14.680	149	600507	42.167	ng	99
87) Indeno(1,2,3-cd)pyrene	17.121	276	518934	28.150	ng	99
88) Benzo(b)fluoranthene	15.157	252	605018	42.428	ng	100
89) Benzo(k)fluoranthene	15.186	252	567409	41.559	ng	100
90) Benzo(a)pyrene	15.533	252	534103	40.352	ng	99
91) Dibenzo(a,h)anthracene	17.133	278	429182	29.070	ng	99
92) Benzo(g,h,i)perylene	17.580	276	375504	25.578	ng	99

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

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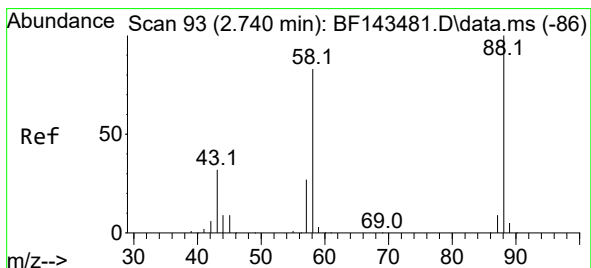
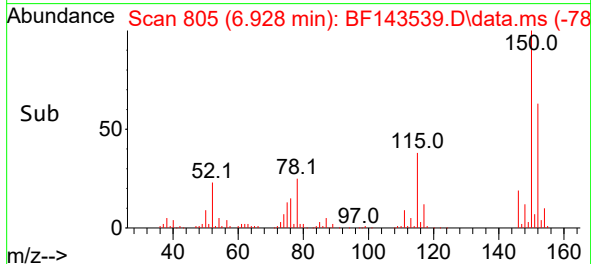
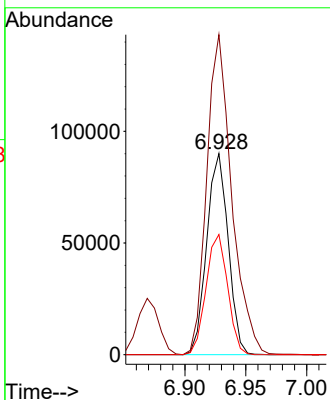
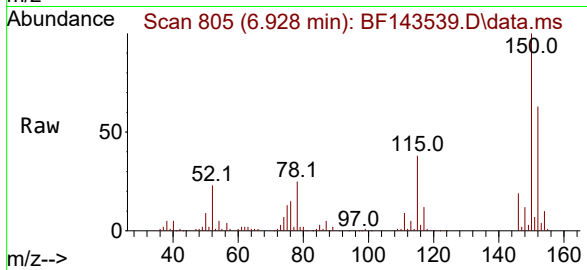




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF143539.D
 Acq: 21 Aug 2025 19:32

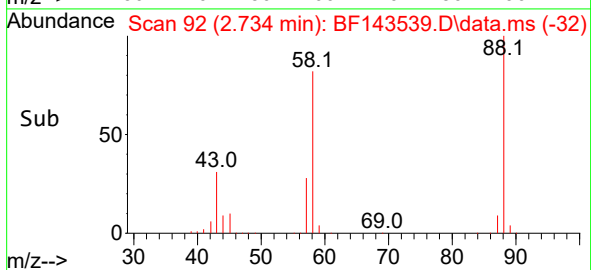
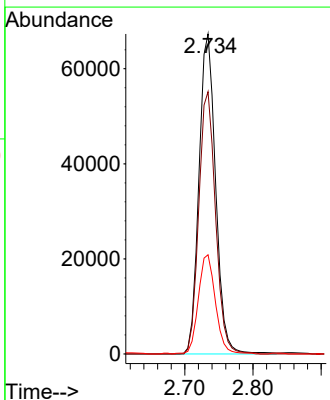
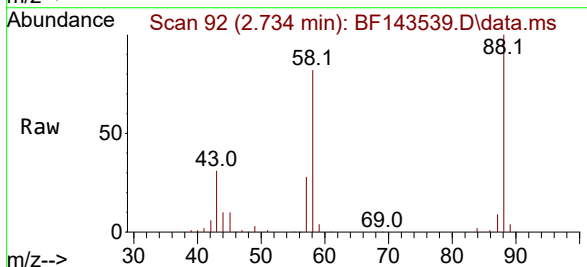
Instrument :
 BNA_F
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 SSTDCCC040EC

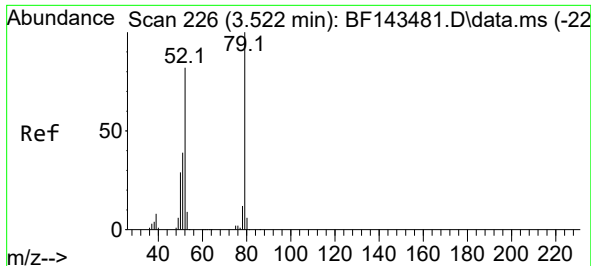
Tgt Ion:152 Resp: 110484
 Ion Ratio Lower Upper
 152 100
 150 159.1 128.9 193.3
 115 59.8 49.2 73.8



#2
 1,4-Dioxane
 Concen: 39.072 ng
 RT: 2.734 min Scan# 92
 Delta R.T. 0.000 min
 Lab File: BF143539.D
 Acq: 21 Aug 2025 19:32

Tgt Ion: 88 Resp: 114523
 Ion Ratio Lower Upper
 88 100
 58 82.3 66.7 100.1
 43 31.8 25.8 38.8





#3

Pyridine

Concen: 39.009 ng

RT: 3.510 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143539.D

Acq: 21 Aug 2025 19:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

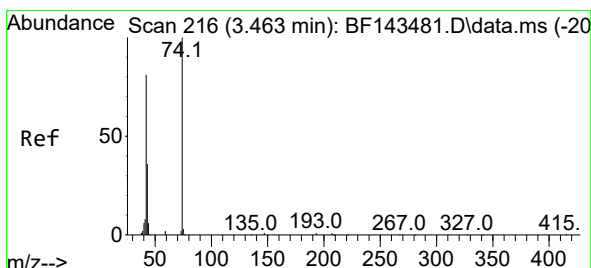
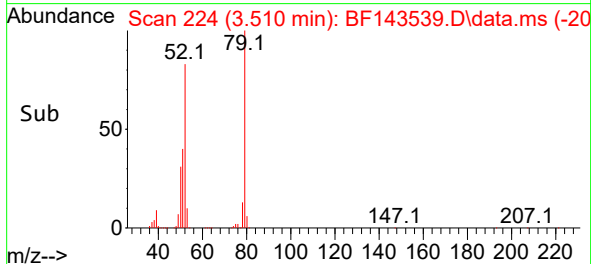
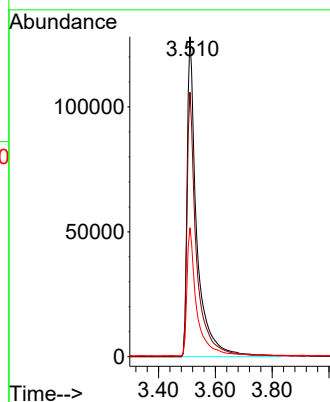
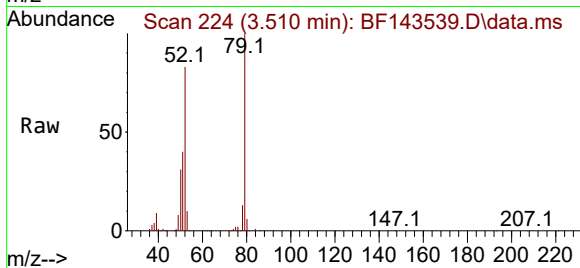
Tgt Ion: 79 Resp: 304538

Ion Ratio Lower Upper

79 100

52 82.7 65.6 98.4

51 40.3 31.2 46.8



#4

n-Nitrosodimethylamine

Concen: 39.860 ng

RT: 3.457 min Scan# 215

Delta R.T. -0.018 min

Lab File: BF143539.D

Acq: 21 Aug 2025 19:32

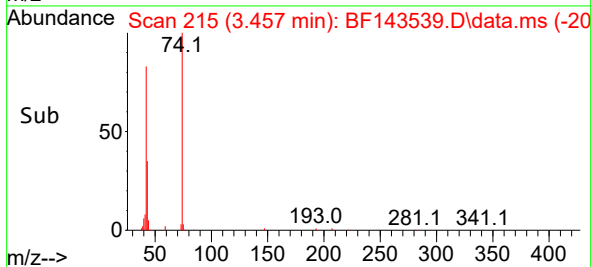
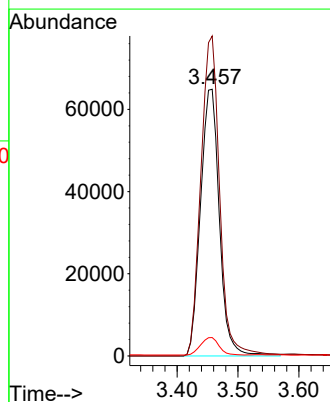
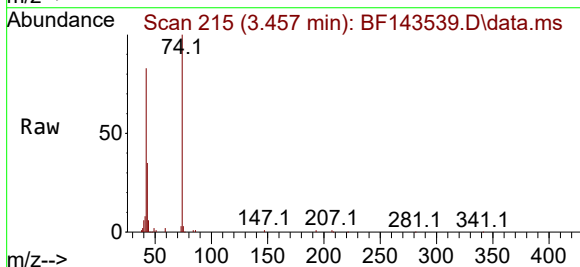
Tgt Ion: 42 Resp: 139889

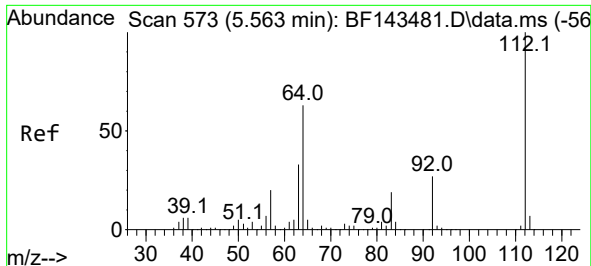
Ion Ratio Lower Upper

42 100

74 120.0 98.6 148.0

44 6.9 5.8 8.8

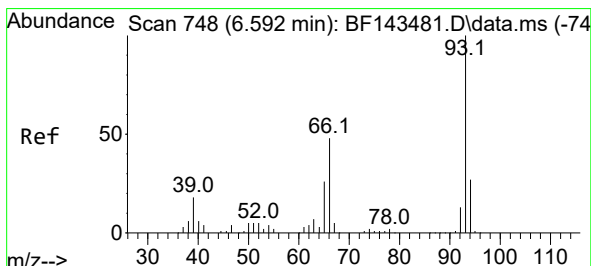
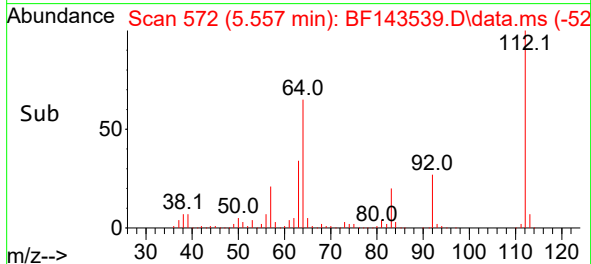
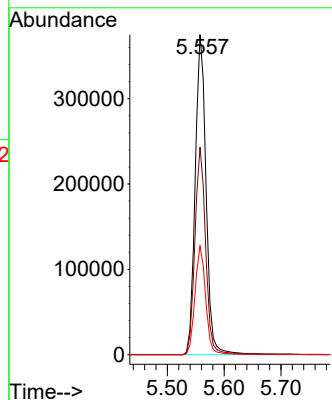
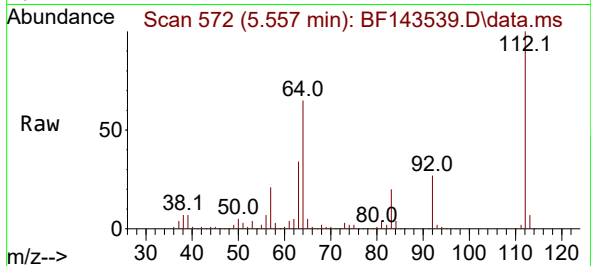




#5
2-Fluorophenol
Concen: 79.470 ng
RT: 5.557 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

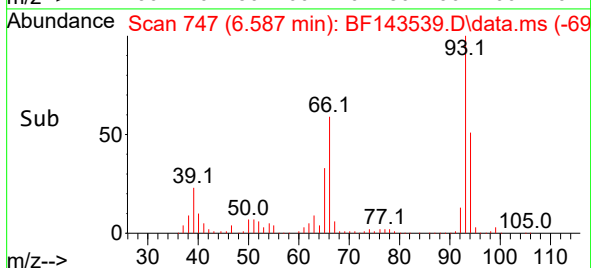
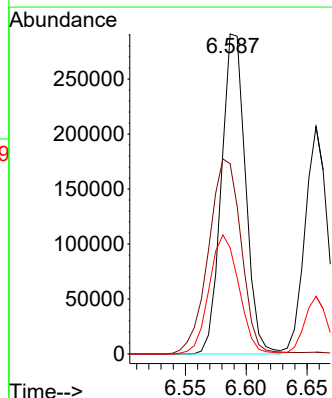
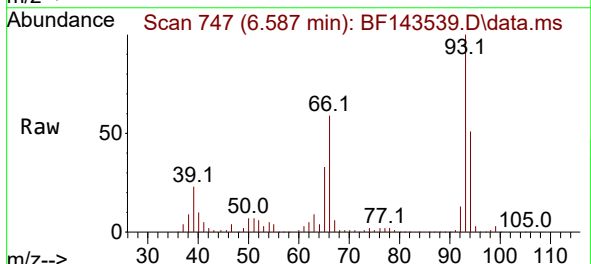
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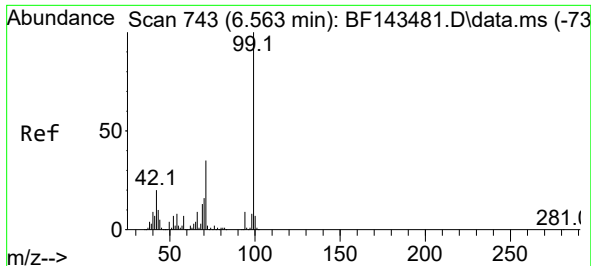
Tgt Ion:112 Resp: 502829
Ion Ratio Lower Upper
112 100
64 64.8 50.4 75.6
63 33.9 26.4 39.6



#6
Aniline
Concen: 38.435 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

Tgt Ion: 93 Resp: 401267
Ion Ratio Lower Upper
93 100
66 59.5 38.9 58.3#
65 33.1 20.6 30.8#

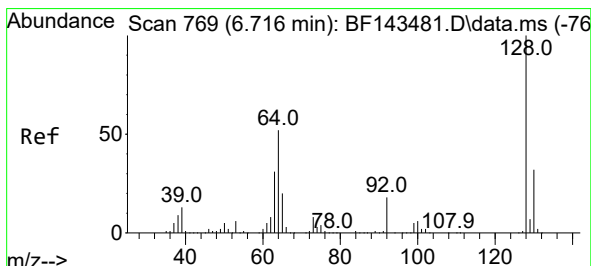
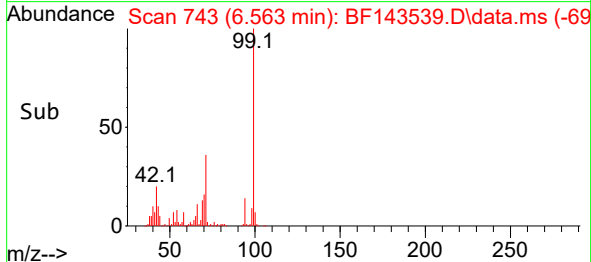
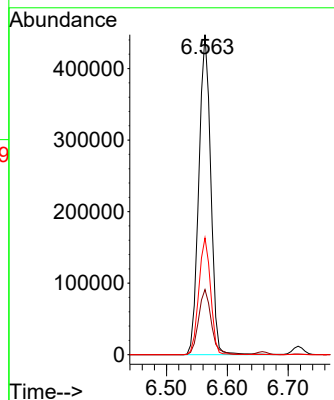
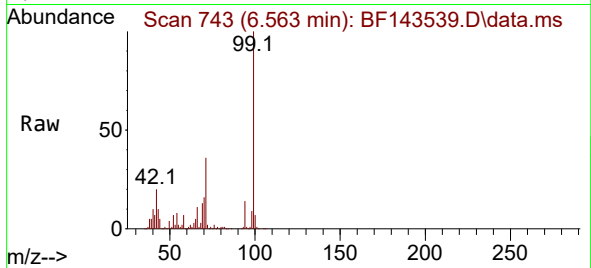




#7
Phenol-d6
Concen: 77.784 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

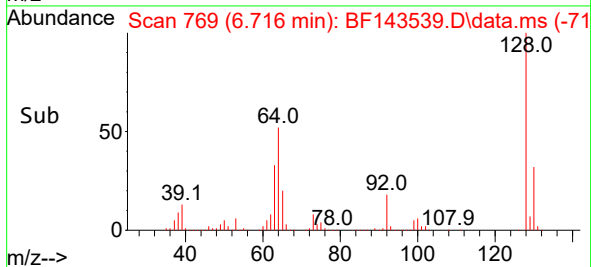
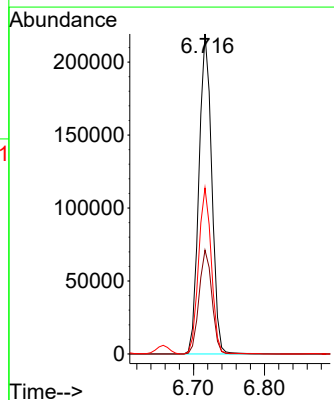
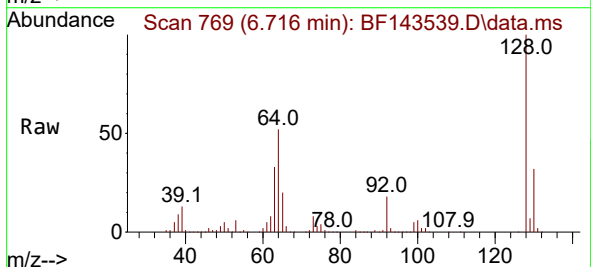
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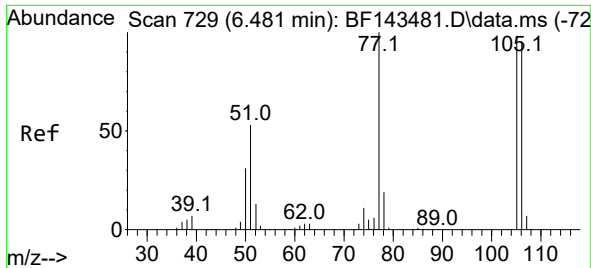
Tgt Ion: 99 Resp: 607545
Ion Ratio Lower Upper
99 100
42 20.3 16.3 24.5
71 36.5 28.2 42.2



#8
2-Chlorophenol
Concen: 39.418 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

Tgt Ion: 128 Resp: 275473
Ion Ratio Lower Upper
128 100
130 32.5 12.4 52.4
64 51.9 31.6 71.6





#9

Benzaldehyde

Concen: 46.616 ng

RT: 6.481 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF143539.D

Acq: 21 Aug 2025 19:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

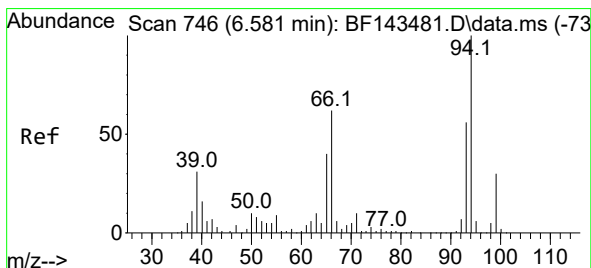
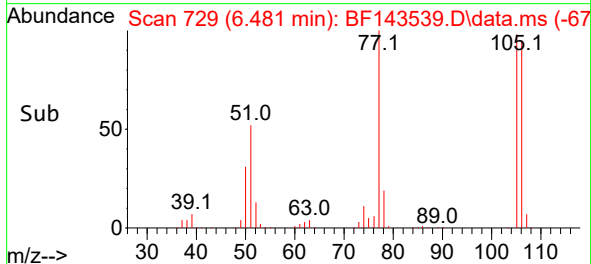
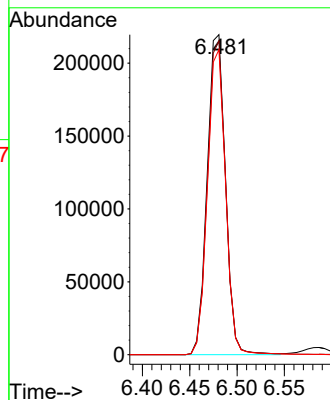
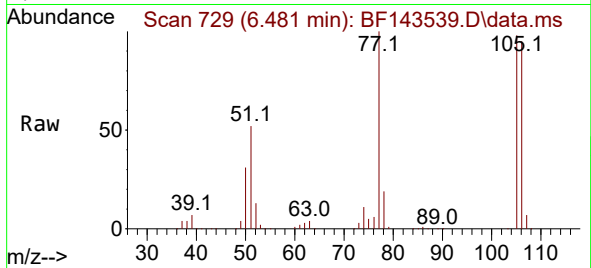
Tgt Ion: 77 Resp: 294783

Ion Ratio Lower Upper

77 100

105 98.0 78.1 118.1

106 95.3 74.9 114.9



#10

Phenol

Concen: 39.425 ng

RT: 6.575 min Scan# 745

Delta R.T. -0.012 min

Lab File: BF143539.D

Acq: 21 Aug 2025 19:32

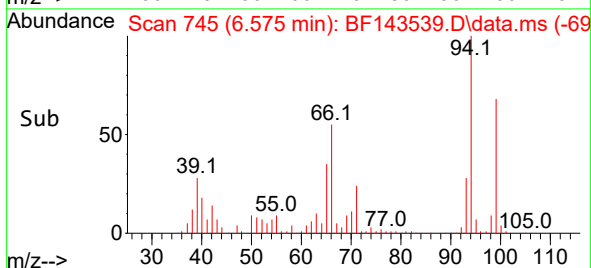
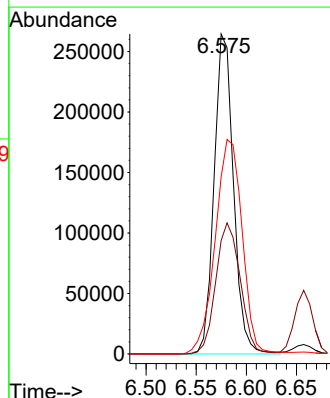
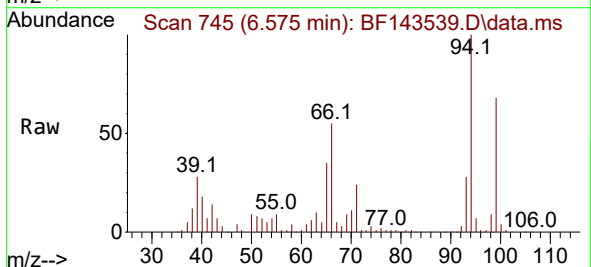
Tgt Ion: 94 Resp: 354741

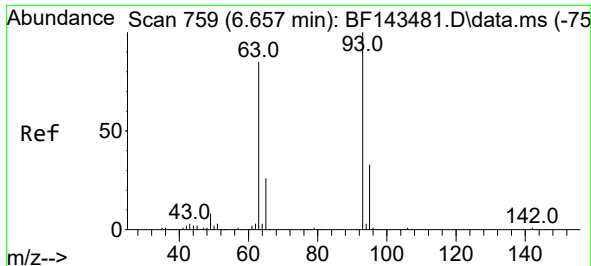
Ion Ratio Lower Upper

94 100

65 35.4 19.5 59.5

66 55.3 42.5 82.5

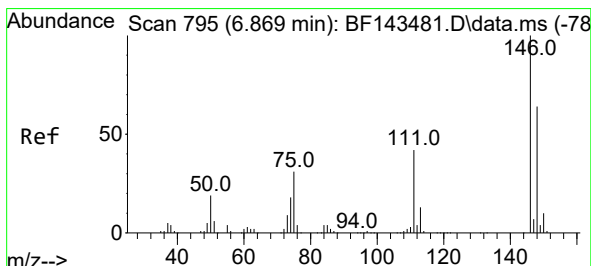
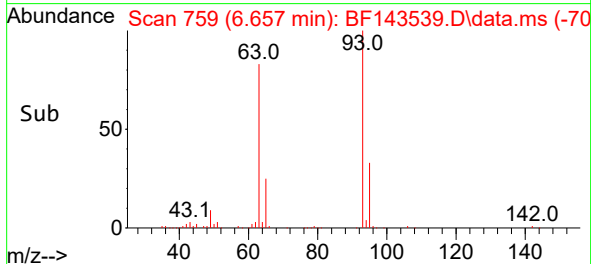
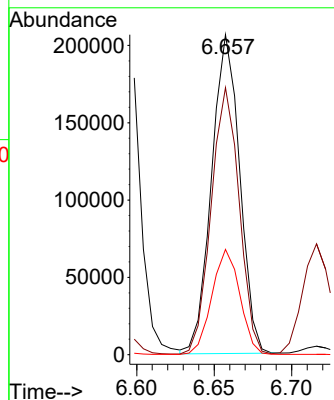
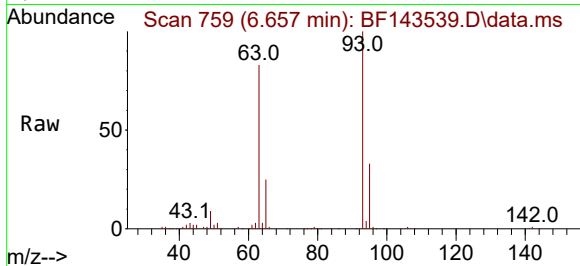




#11
bis(2-Chloroethyl)ether
Concen: 38.774 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

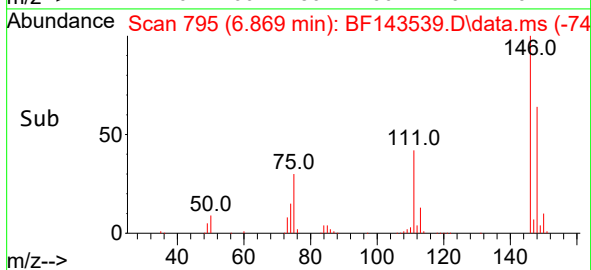
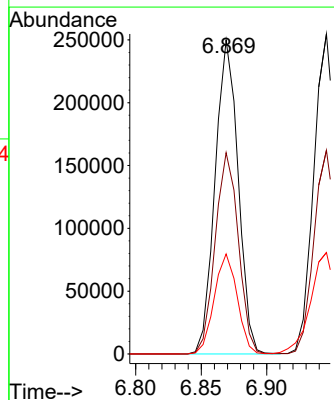
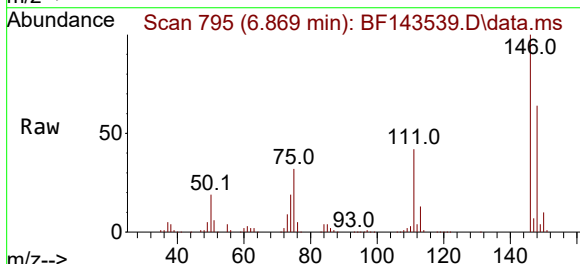
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

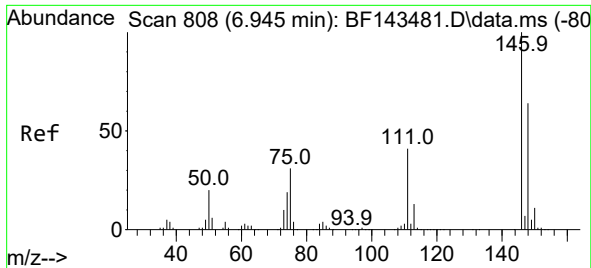
Tgt Ion: 93 Resp: 260716
Ion Ratio Lower Upper
93 100
63 83.5 63.6 103.6
95 32.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 38.875 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

Tgt Ion: 146 Resp: 305256
Ion Ratio Lower Upper
146 100
148 64.1 51.3 76.9
75 31.9 24.7 37.1

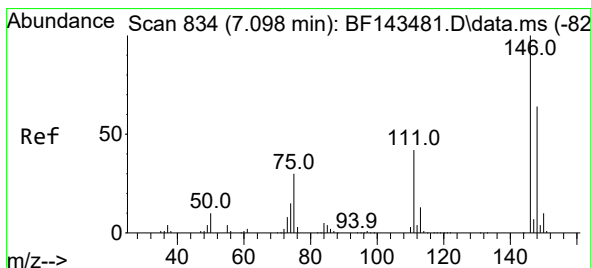
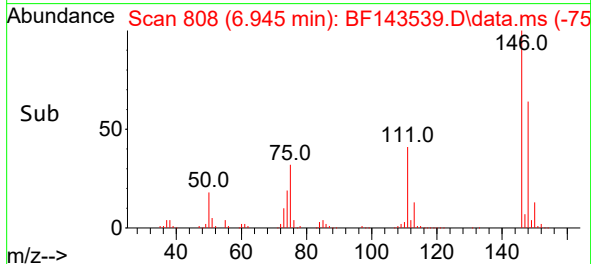
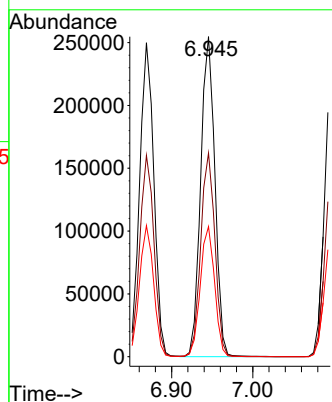
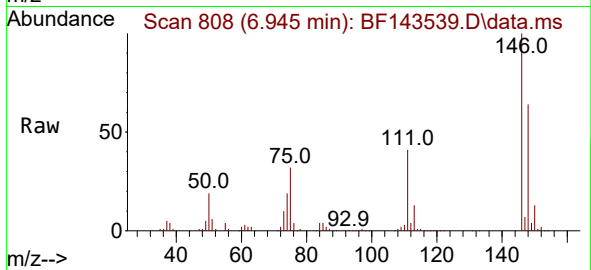




#13
1,4-Dichlorobenzene
Concen: 39.416 ng
RT: 6.945 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

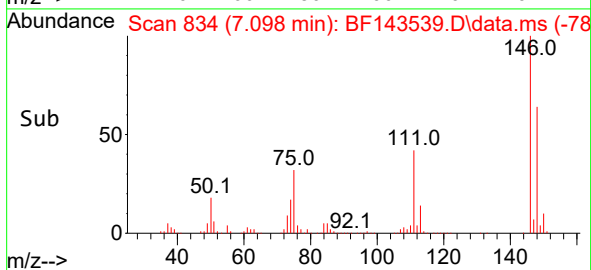
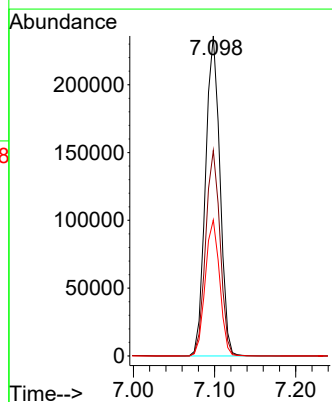
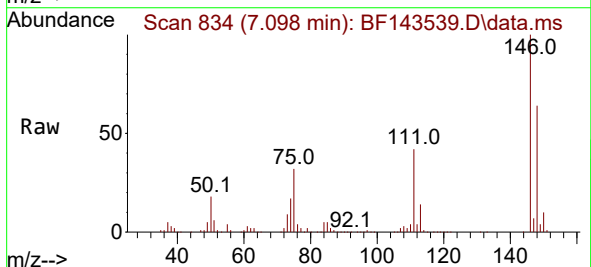
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

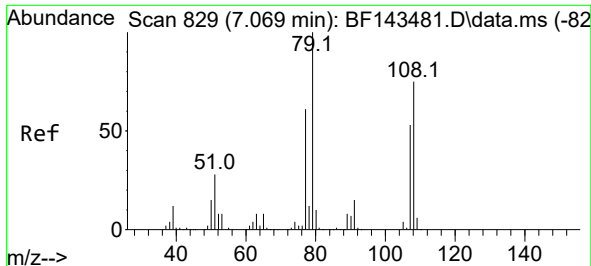
Tgt Ion:146 Resp: 310463
Ion Ratio Lower Upper
146 100
148 63.7 51.5 77.3
111 40.7 32.6 49.0



#14
1,2-Dichlorobenzene
Concen: 39.005 ng
RT: 7.098 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

Tgt Ion:146 Resp: 290881
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.6
111 42.5 34.0 51.0

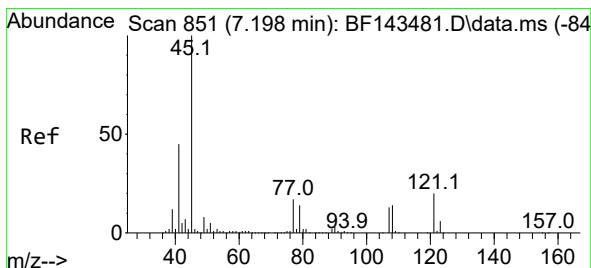
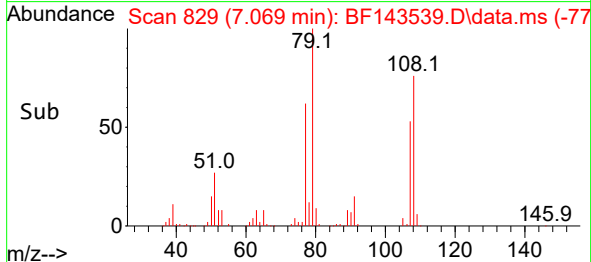
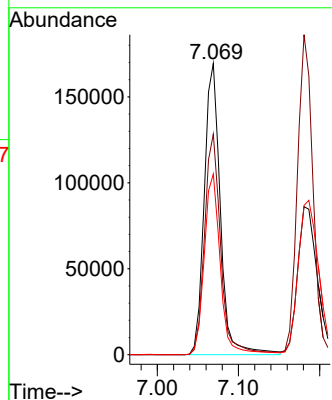
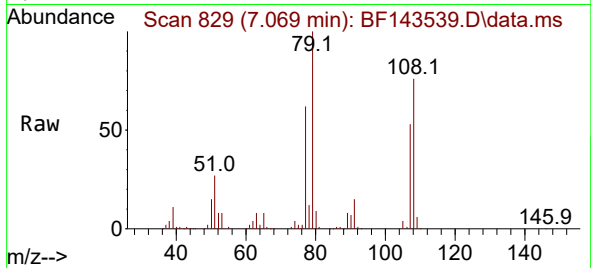




#15
Benzyl Alcohol
Concen: 39.937 ng
RT: 7.069 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

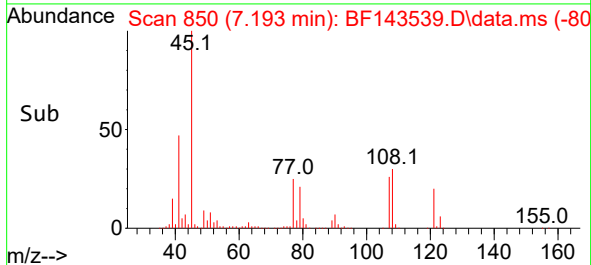
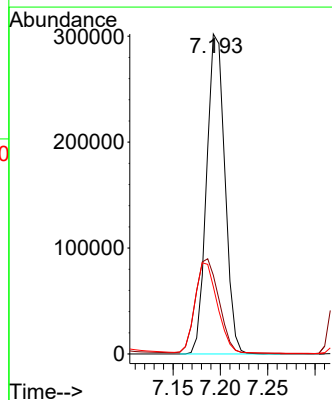
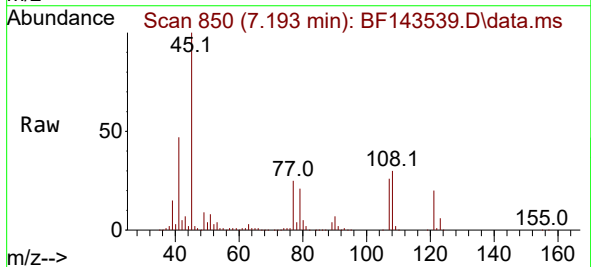
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

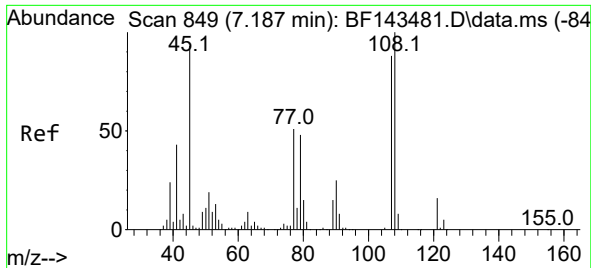
Tgt Ion: 79 Resp: 233545
Ion Ratio Lower Upper
79 100
108 75.7 59.8 89.6
77 62.0 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.707 ng
RT: 7.193 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

Tgt Ion: 45 Resp: 405626
Ion Ratio Lower Upper
45 100
77 24.6 0.0 37.9
79 21.0 0.0 34.7

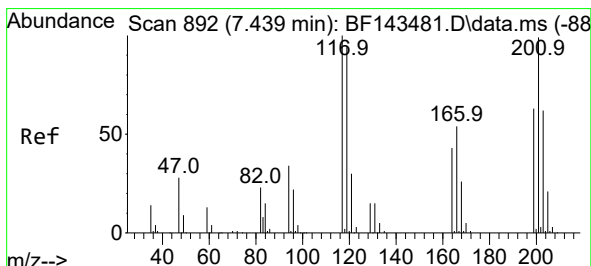
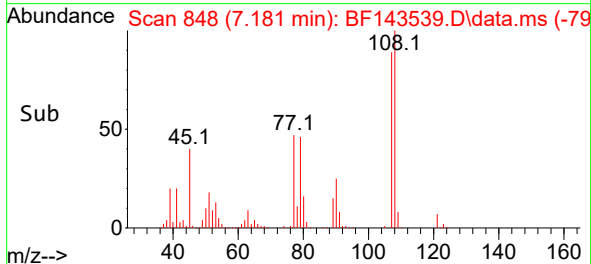
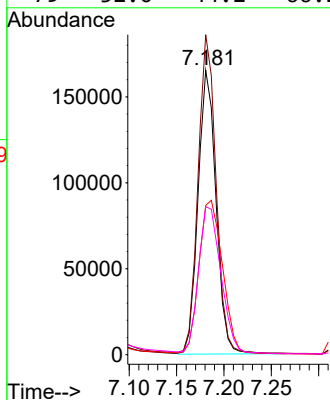
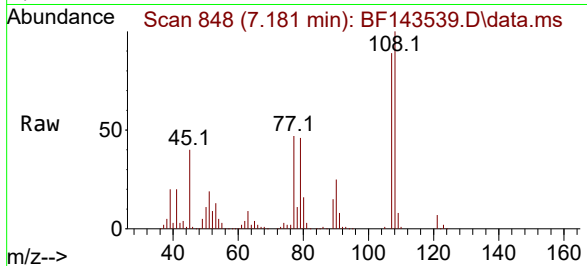




#17
2-Methylphenol
Concen: 38.978 ng
RT: 7.181 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

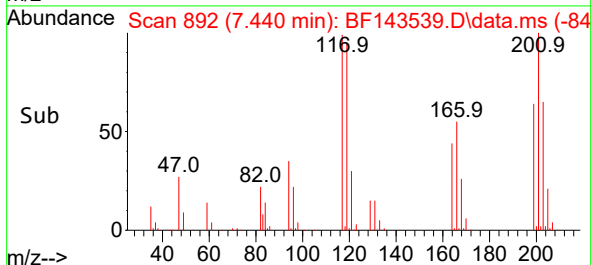
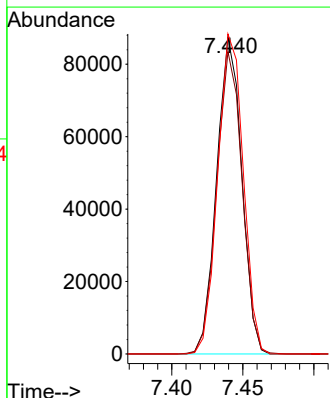
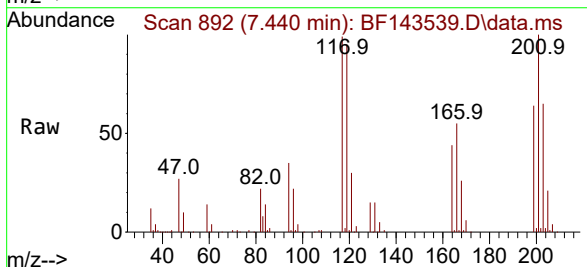
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

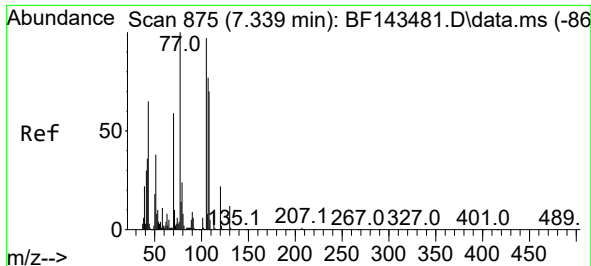
Tgt Ion:	107	Resp:	218625
Ion Ratio	Lower	Upper	
107	100		
108	112.5	91.1	136.7
77	52.5	46.2	69.4
79	52.0	44.2	66.2



#18
Hexachloroethane
Concen: 40.177 ng
RT: 7.440 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

Tgt Ion:	117	Resp:	107596
Ion Ratio	Lower	Upper	
117	100		
119	95.4	75.4	113.0
201	101.0	79.0	118.4





#19

n-Nitroso-di-n-propylamine

Concen: 39.035 ng

RT: 7.340 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF143539.D

Acq: 21 Aug 2025 19:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 70 Resp: 186353

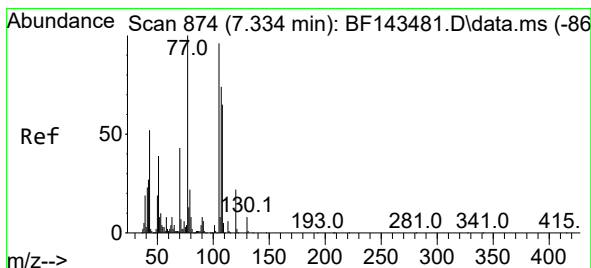
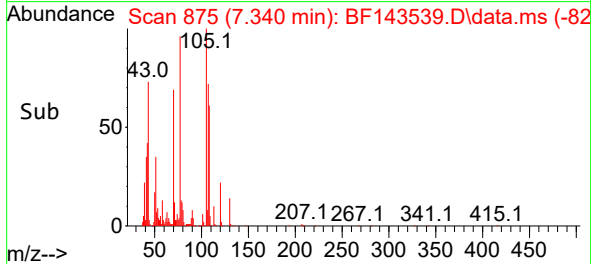
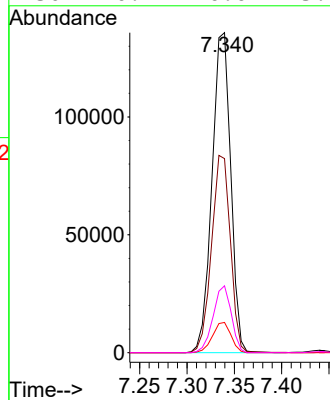
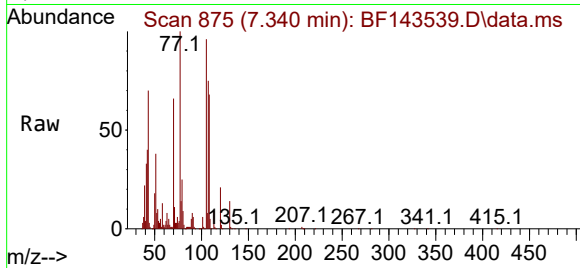
Ion Ratio Lower Upper

70 100

42 60.6 49.3 73.9

101 9.5 7.8 11.8

130 20.9 16.6 25.0



#20

3+4-Methylphenols

Concen: 39.911 ng

RT: 7.334 min Scan# 874

Delta R.T. -0.006 min

Lab File: BF143539.D

Acq: 21 Aug 2025 19:32

Tgt Ion: 107 Resp: 267236

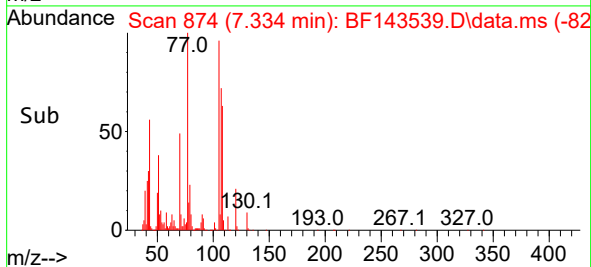
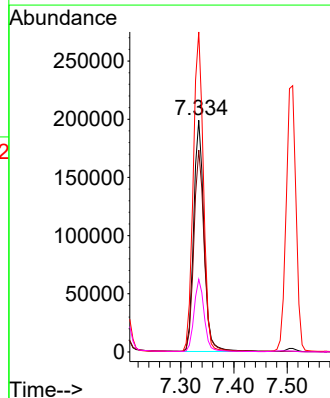
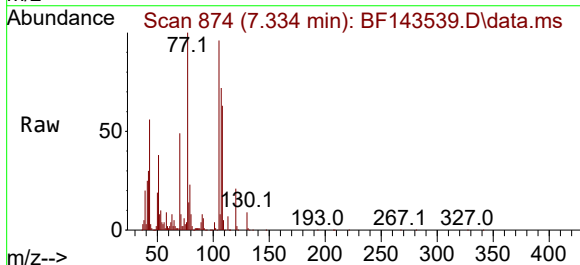
Ion Ratio Lower Upper

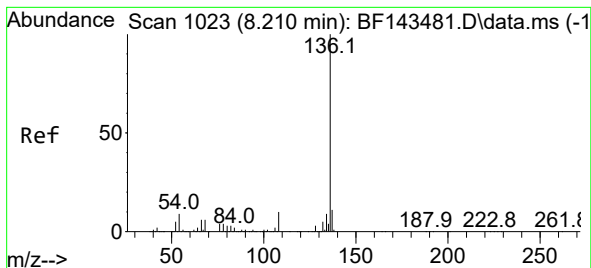
107 100

108 87.1 68.4 108.4

77 138.1 116.1 156.1

79 31.3 9.8 49.8

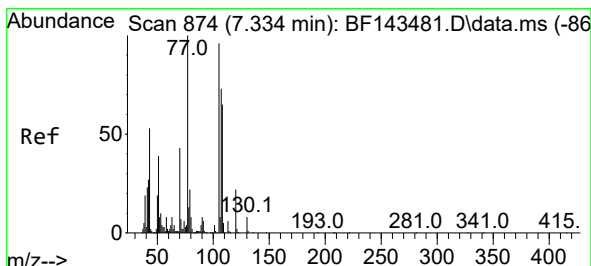
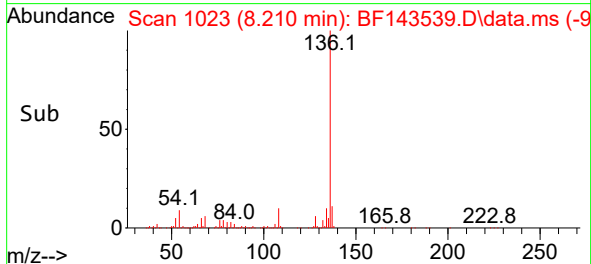
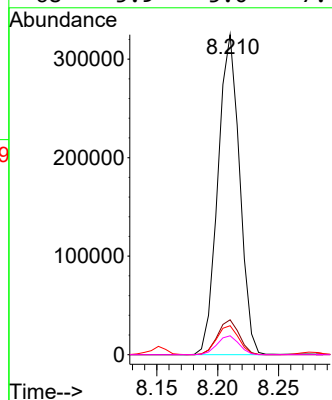
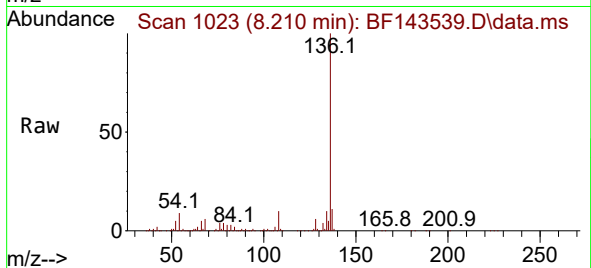




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

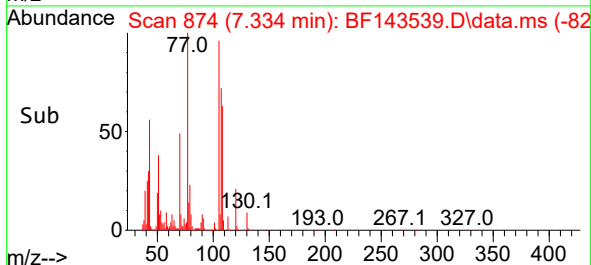
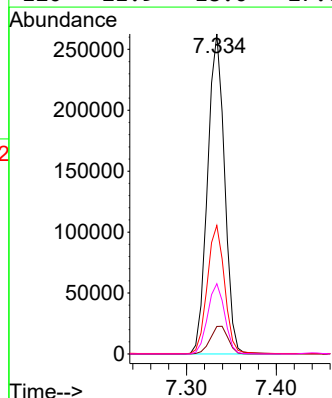
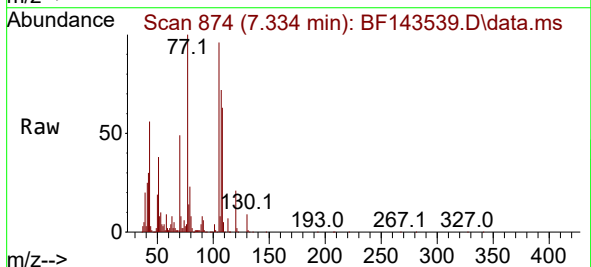
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

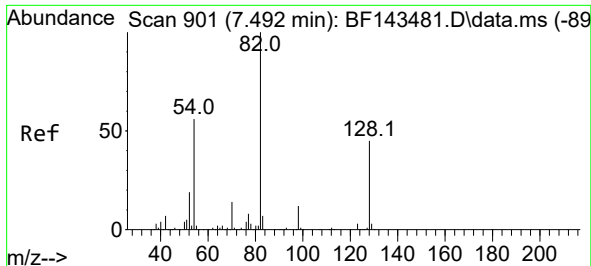
Tgt Ion:	136	Resp:	402251
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.0	13.4
54	9.1	7.4	11.2
68	5.9	5.0	7.4



#22
Acetophenone
Concen: 39.831 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

Tgt Ion:	105	Resp:	346144
Ion Ratio	Lower	Upper	
105	100		
71	8.6	5.9	8.9
51	40.1	32.5	48.7
120	21.9	18.0	27.0





#23

Nitrobenzene-d5

Concen: 81.337 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF143539.D

Acq: 21 Aug 2025 19:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

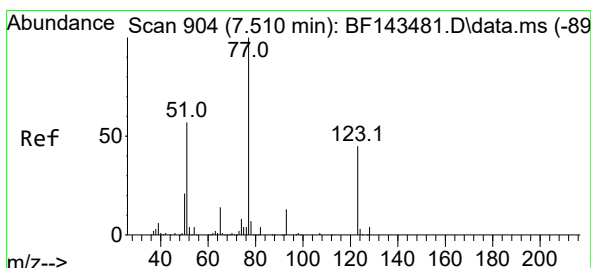
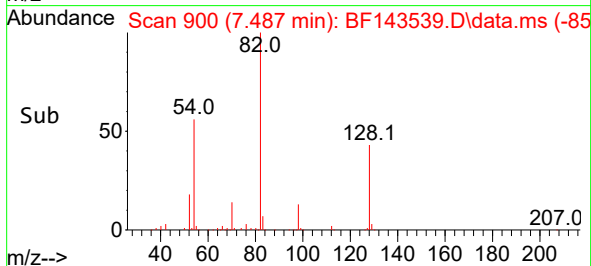
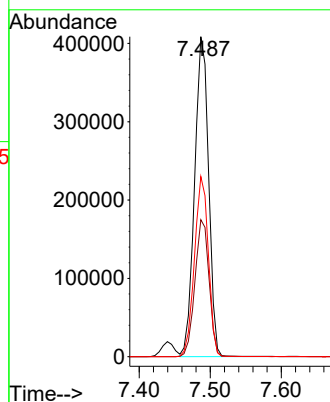
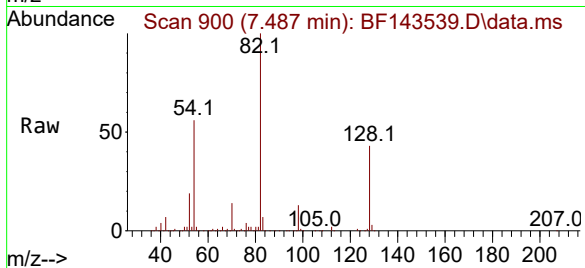
Tgt Ion: 82 Resp: 560673

Ion Ratio Lower Upper

82 100

128 42.8 35.5 53.3

54 56.3 44.3 66.5



#24

Nitrobenzene

Concen: 41.188 ng

RT: 7.510 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF143539.D

Acq: 21 Aug 2025 19:32

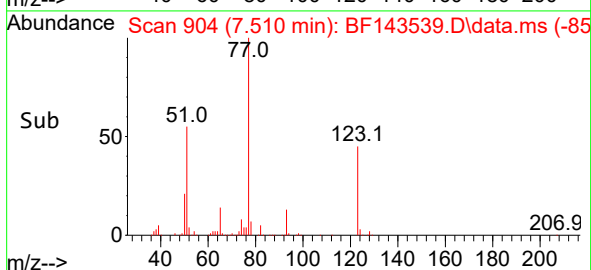
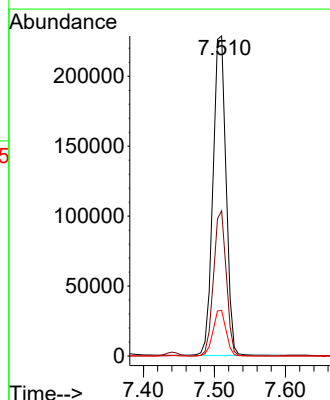
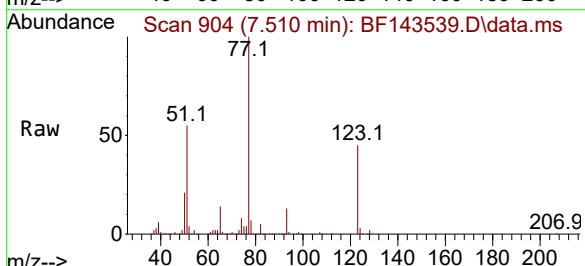
Tgt Ion: 77 Resp: 292216

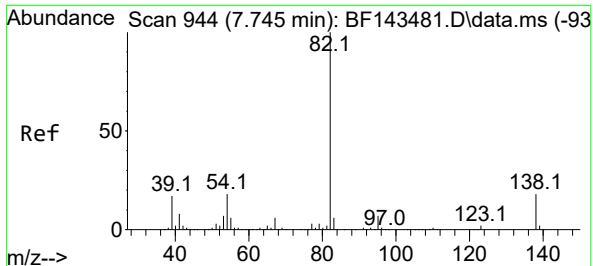
Ion Ratio Lower Upper

77 100

123 45.3 36.1 54.1

65 14.2 11.0 16.6

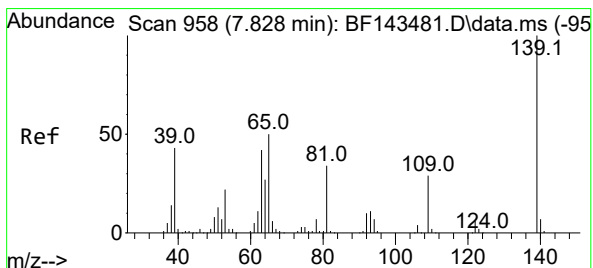
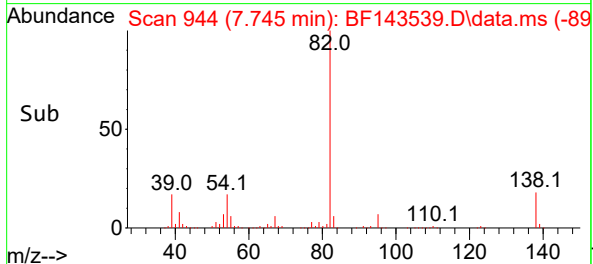
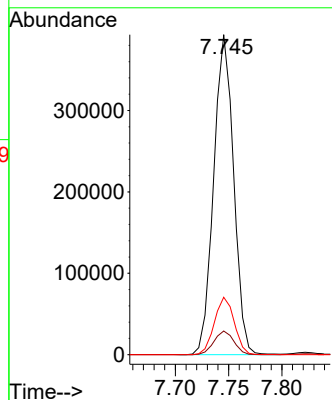
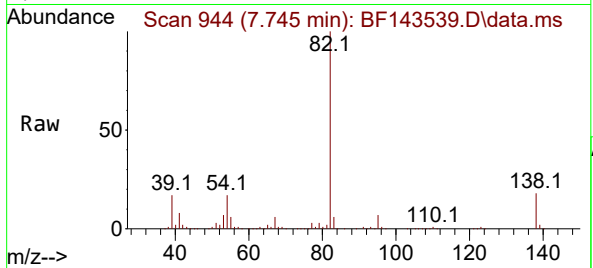




#25
Isophorone
Concen: 40.481 ng
RT: 7.745 min Scan# 944
Delta R.T. -0.012 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

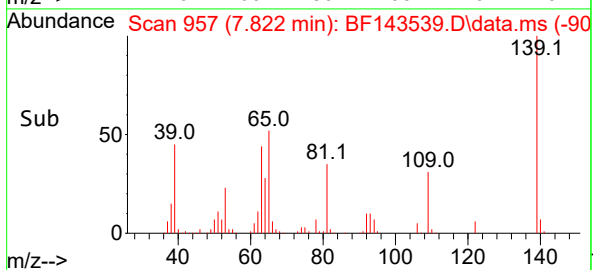
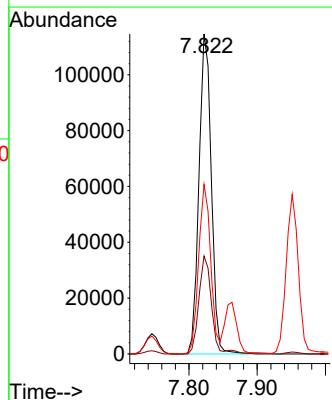
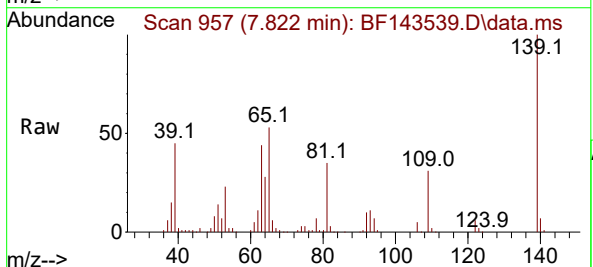
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

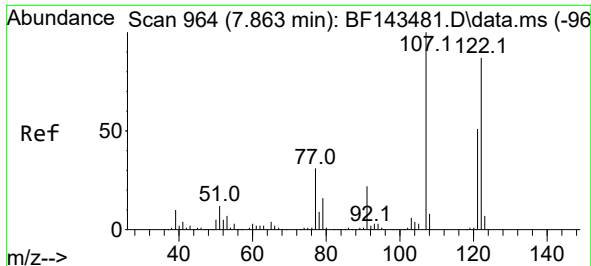
Tgt Ion: 82 Resp: 511518
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 18.0 14.2 21.4



#26
2-Nitrophenol
Concen: 41.538 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

Tgt Ion:139 Resp: 144354
Ion Ratio Lower Upper
139 100
109 30.6 23.0 34.6
65 53.0 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 39.611 ng

RT: 7.863 min Scan# 9

Delta R.T. -0.006 min

Lab File: BF143539.D

Acq: 21 Aug 2025 19:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

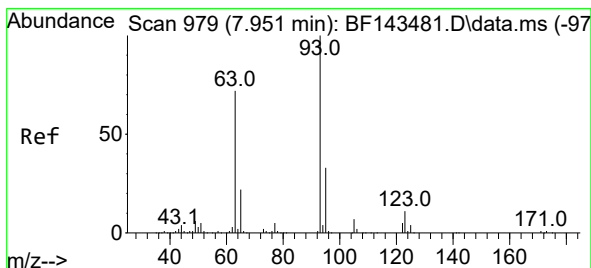
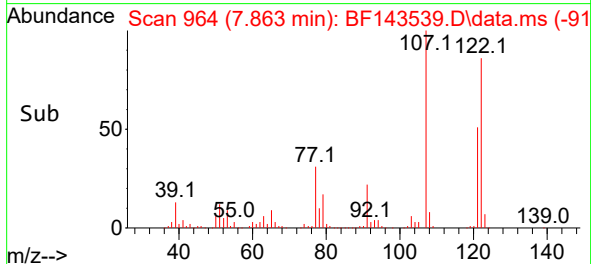
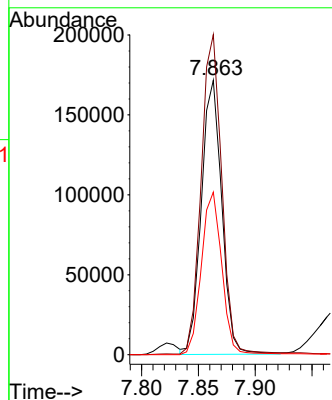
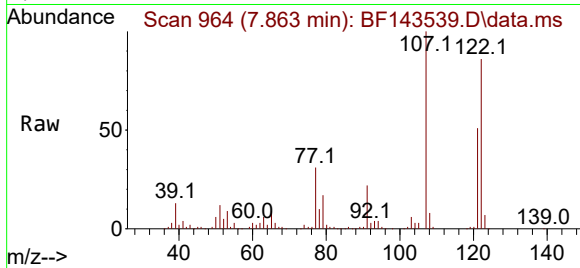
Tgt Ion:122 Resp: 214593

Ion Ratio Lower Upper

122 100

107 116.6 91.5 137.3

121 59.3 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 39.904 ng

RT: 7.951 min Scan# 979

Delta R.T. -0.006 min

Lab File: BF143539.D

Acq: 21 Aug 2025 19:32

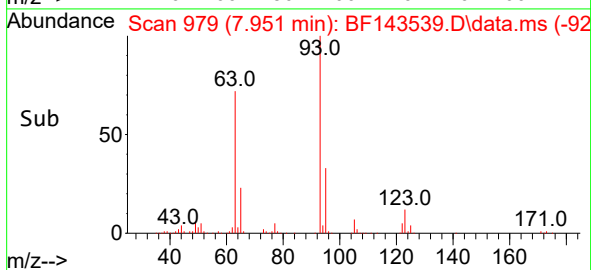
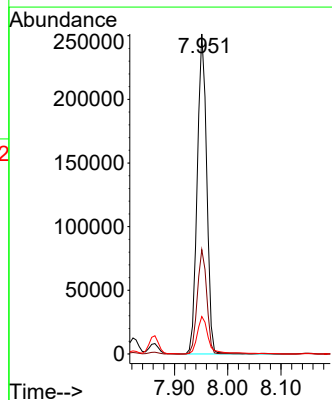
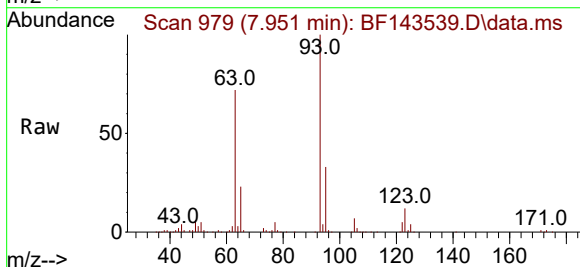
Tgt Ion: 93 Resp: 309875

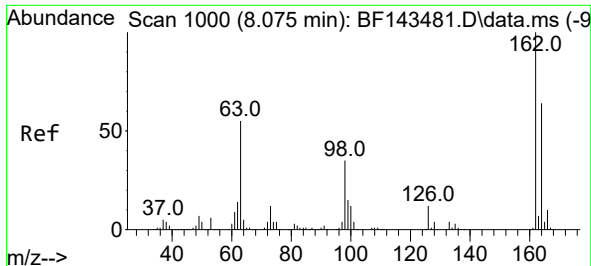
Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

123 11.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 39.400 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF143539.D

Acq: 21 Aug 2025 19:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

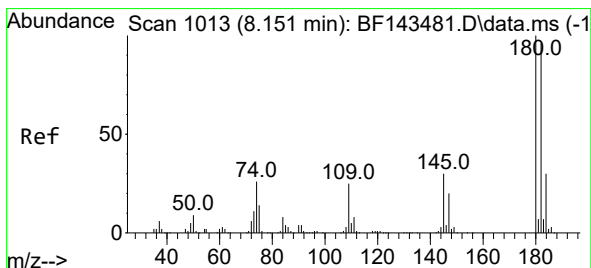
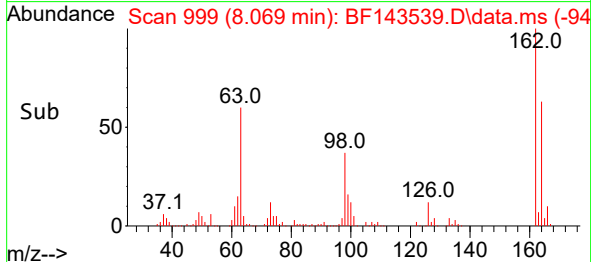
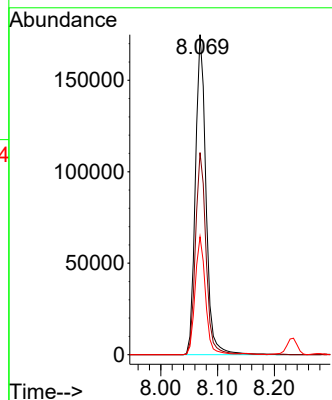
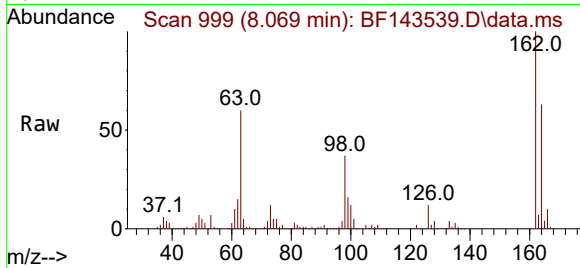
Tgt Ion:162 Resp: 227965

Ion Ratio Lower Upper

162 100

164 63.1 43.5 83.5

98 36.9 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 39.508 ng

RT: 8.151 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF143539.D

Acq: 21 Aug 2025 19:32

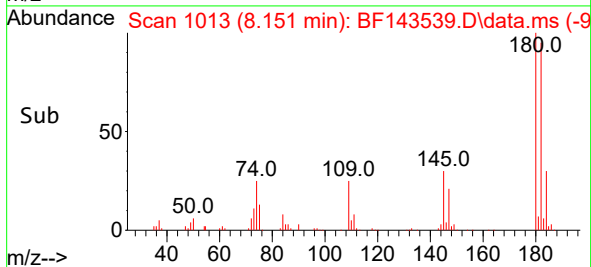
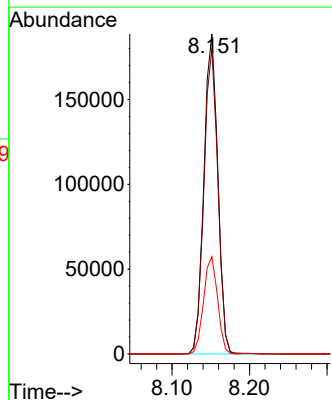
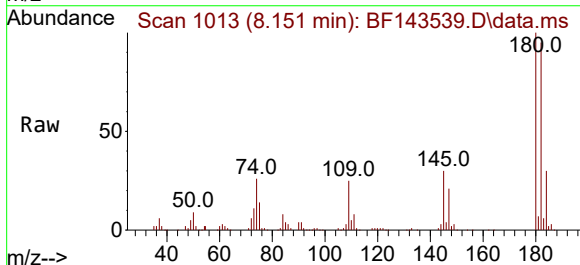
Tgt Ion:180 Resp: 235019

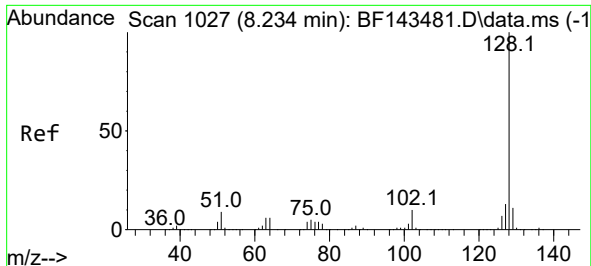
Ion Ratio Lower Upper

180 100

182 95.3 76.6 114.8

145 30.4 24.3 36.5

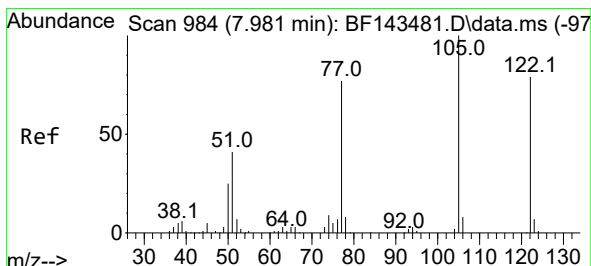
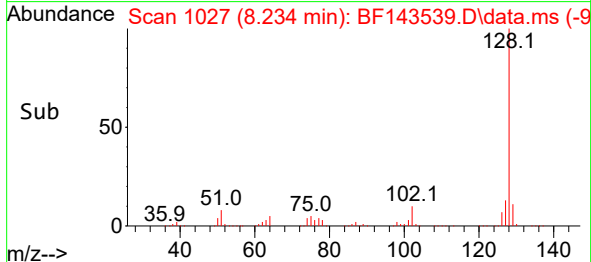
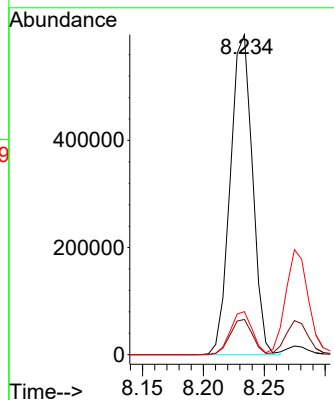
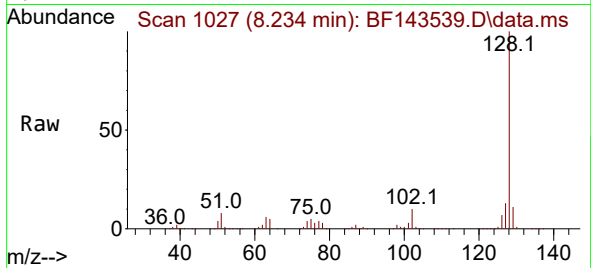




#31
Naphthalene
Concen: 39.258 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

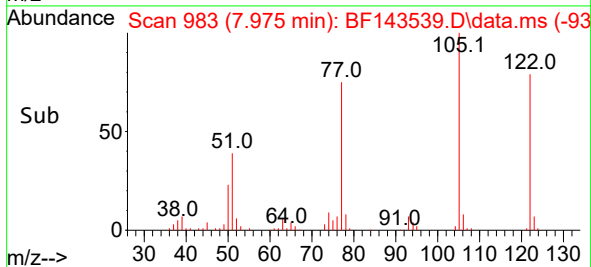
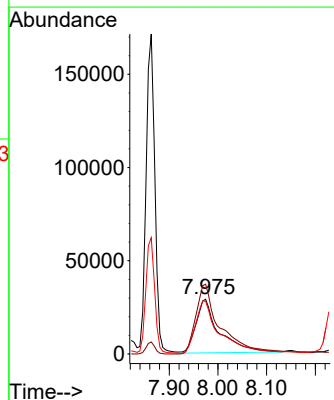
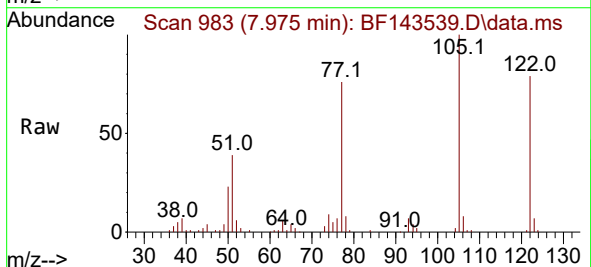
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

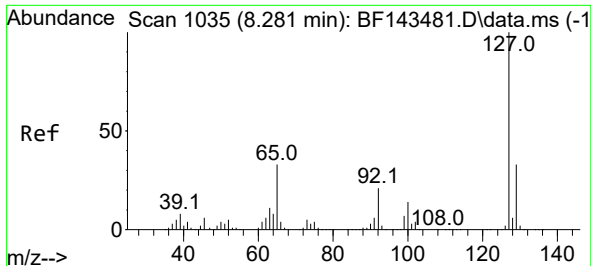
Tgt Ion:128 Resp: 758151
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 32.943 ng
RT: 7.975 min Scan# 983
Delta R.T. -0.035 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

Tgt Ion:122 Resp: 95321
Ion Ratio Lower Upper
122 100
105 127.3 104.7 144.7
77 96.2 77.3 117.3





#33

4-Chloroaniline

Concen: 38.570 ng

RT: 8.275 min Scan# 1035

Delta R.T. -0.006 min

Lab File: BF143539.D

Acq: 21 Aug 2025 19:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:127 Resp: 264368

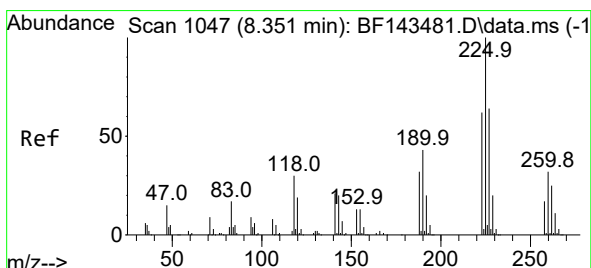
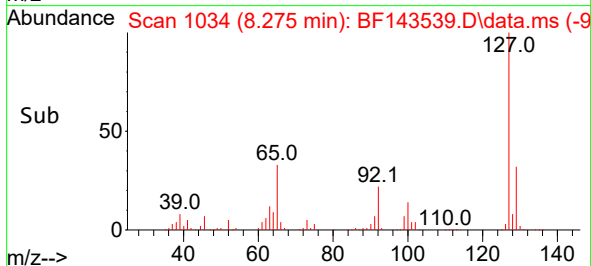
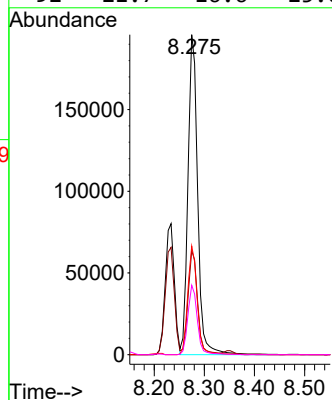
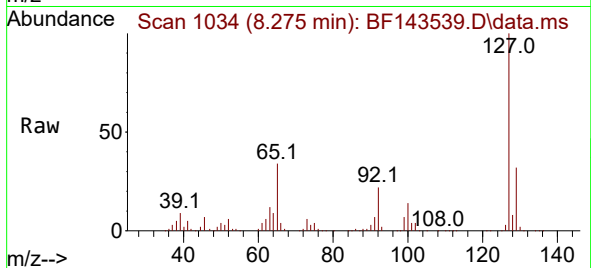
Ion Ratio Lower Upper

127 100

129 32.5 26.1 39.1

65 34.0 26.2 39.2

92 21.7 16.6 25.0



#34

Hexachlorobutadiene

Concen: 40.705 ng

RT: 8.351 min Scan# 1047

Delta R.T. 0.000 min

Lab File: BF143539.D

Acq: 21 Aug 2025 19:32

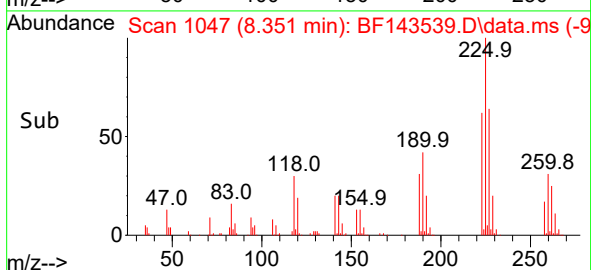
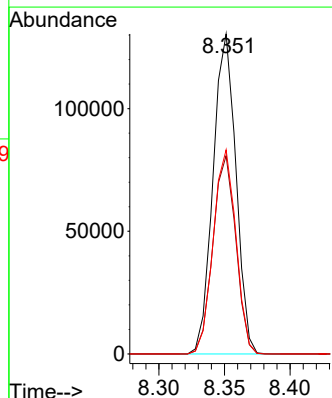
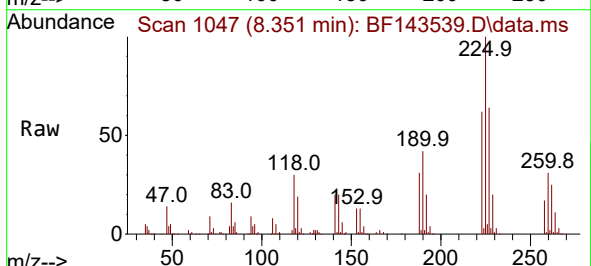
Tgt Ion:225 Resp: 157980

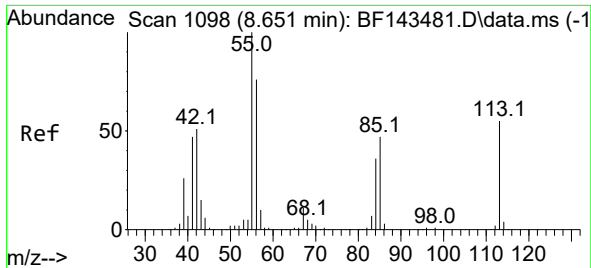
Ion Ratio Lower Upper

225 100

223 61.9 49.9 74.9

227 63.8 50.9 76.3

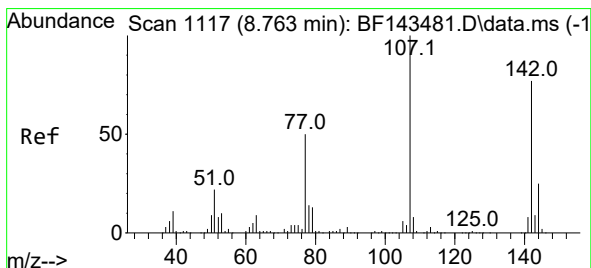
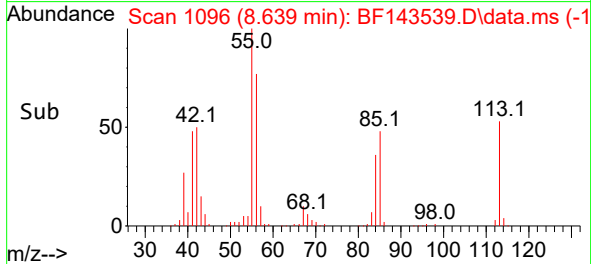
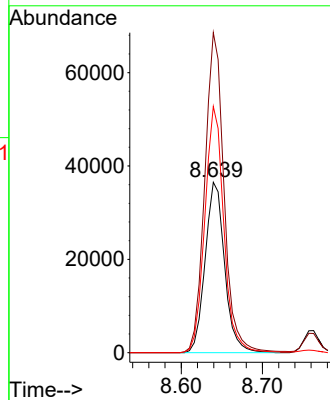
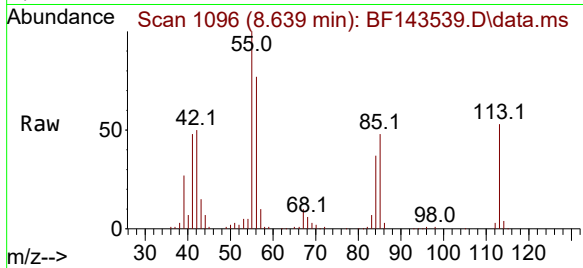




#35
Caprolactam
Concen: 43.789 ng
RT: 8.639 min Scan# 1096
Delta R.T. -0.035 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

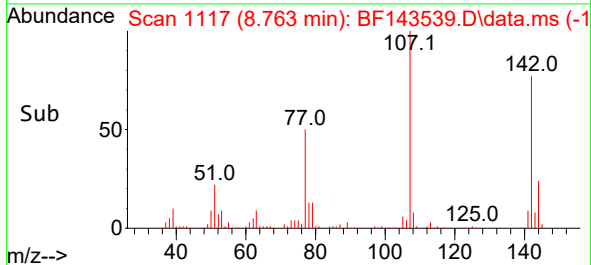
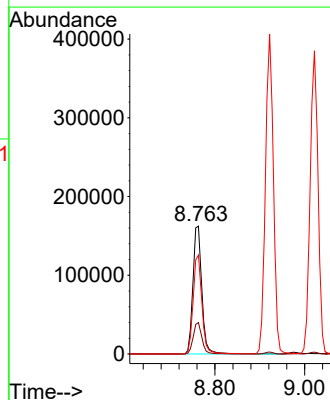
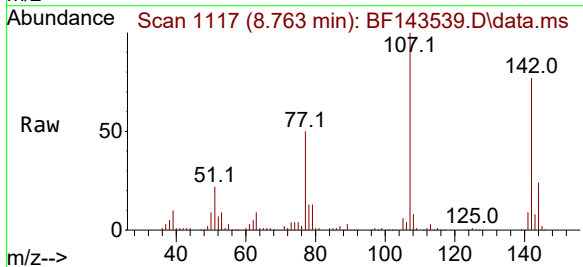
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

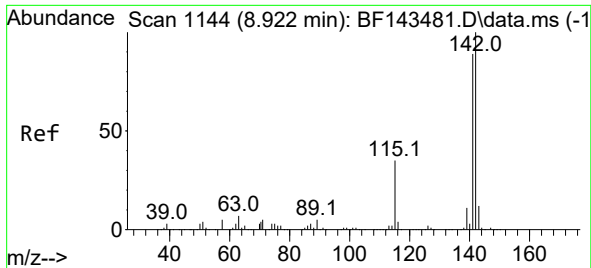
Tgt Ion:113 Resp: 60796
Ion Ratio Lower Upper
113 100
55 187.8 162.8 202.8
56 144.5 118.1 158.1



#36
4-Chloro-3-methylphenol
Concen: 38.769 ng
RT: 8.763 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

Tgt Ion:107 Resp: 224793
Ion Ratio Lower Upper
107 100
144 24.5 19.9 29.9
142 77.4 61.8 92.8

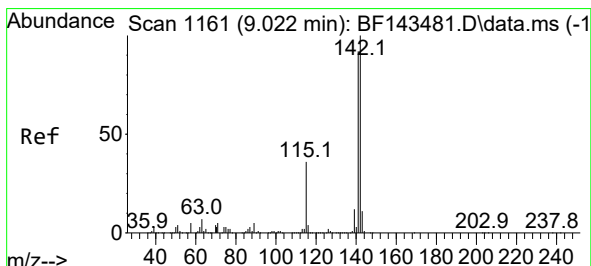
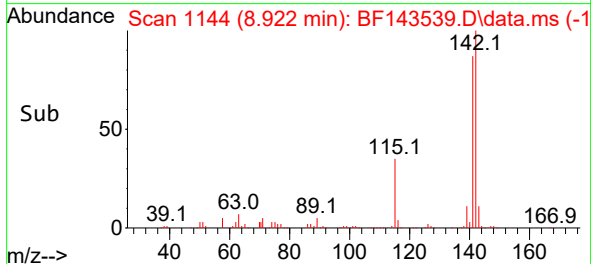
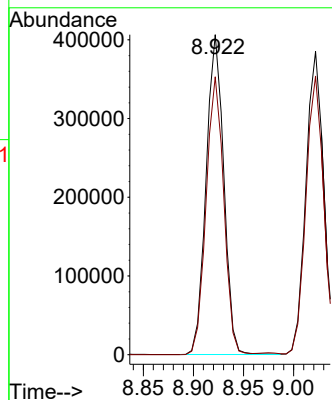
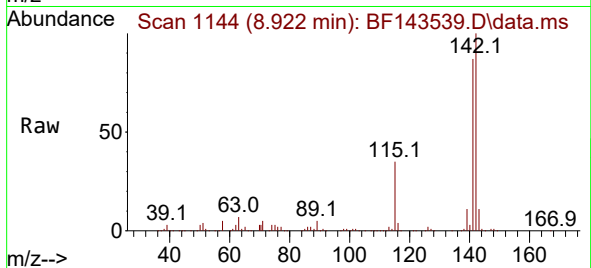




#37
2-Methylnaphthalene
Concen: 38.680 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

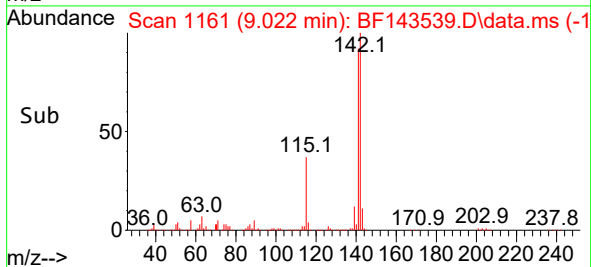
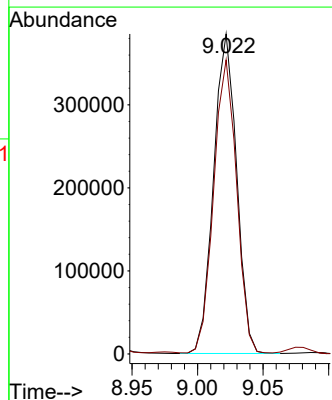
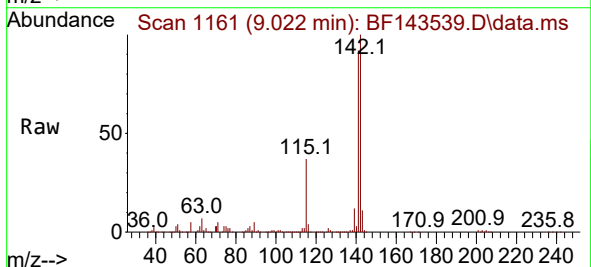
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

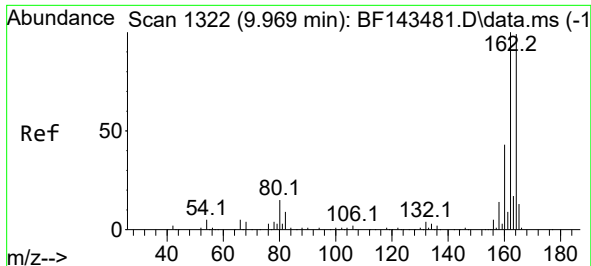
Tgt Ion:142 Resp: 498908
Ion Ratio Lower Upper
142 100
141 86.9 71.0 106.4



#38
1-Methylnaphthalene
Concen: 38.013 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

Tgt Ion:142 Resp: 468992
Ion Ratio Lower Upper
142 100
141 91.9 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF143539.D

Acq: 21 Aug 2025 19:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

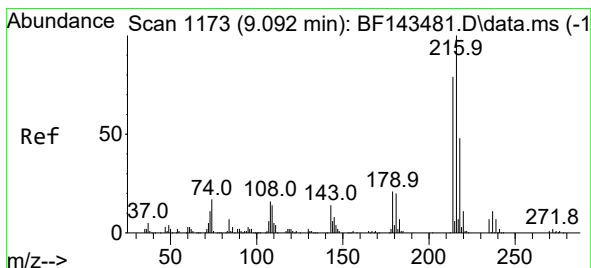
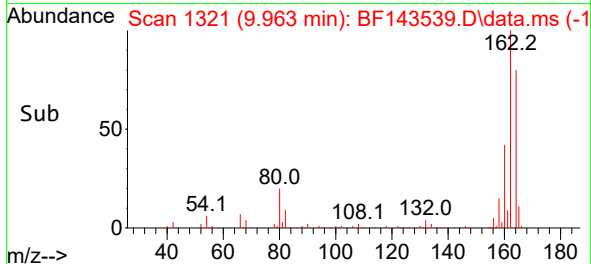
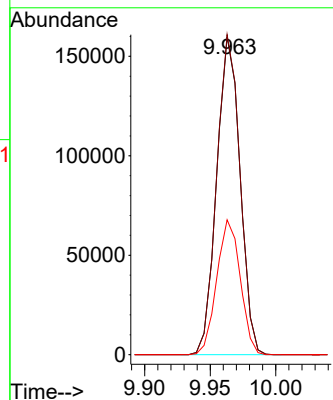
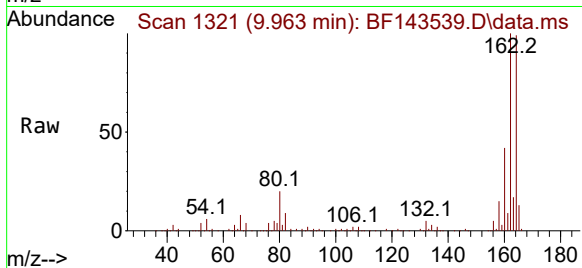
Tgt Ion:164 Resp: 197751

Ion Ratio Lower Upper

164 100

162 100.7 80.5 120.7

160 42.5 34.3 51.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.583 ng

RT: 9.092 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BF143539.D

Acq: 21 Aug 2025 19:32

Tgt Ion:216 Resp: 235213

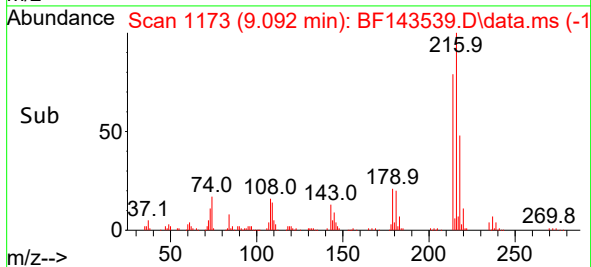
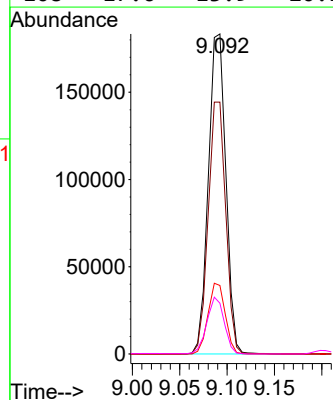
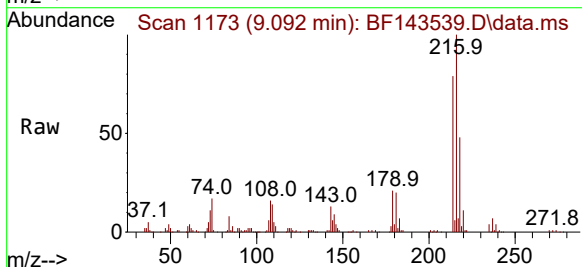
Ion Ratio Lower Upper

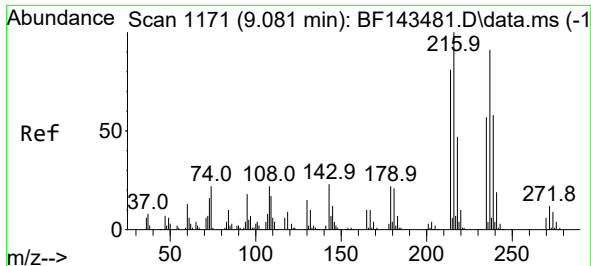
216 100

214 79.0 63.4 95.0

179 21.7 16.5 24.7

108 17.6 13.9 20.9

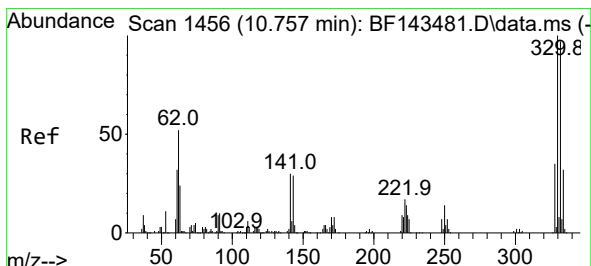
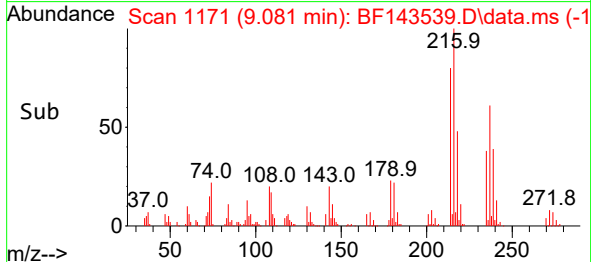
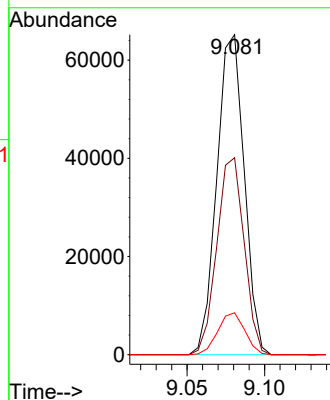
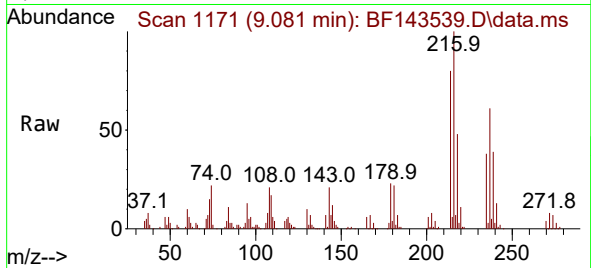




#41
Hexachlorocyclopentadiene
Concen: 40.008 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

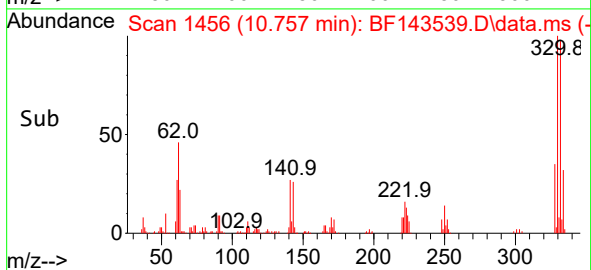
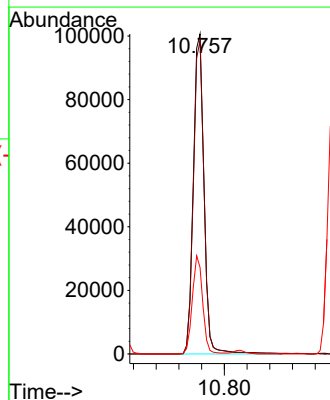
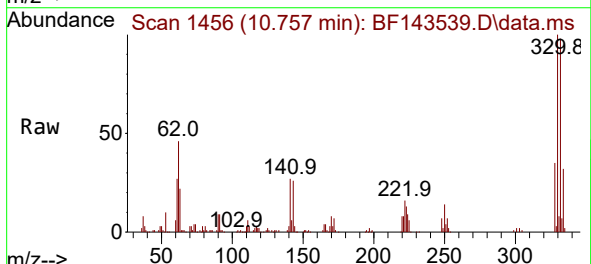
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

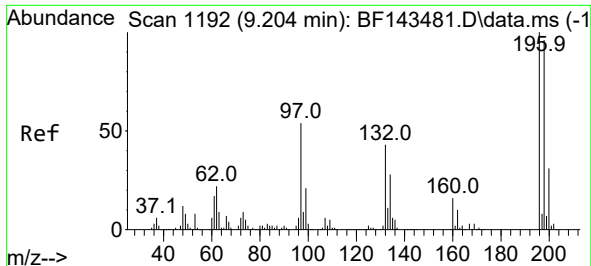
Tgt Ion:237 Resp: 80228
Ion Ratio Lower Upper
237 100
235 61.6 42.6 82.6
272 13.1 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 71.678 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

Tgt Ion:330 Resp: 131942
Ion Ratio Lower Upper
330 100
332 96.8 78.0 117.0
141 29.7 23.7 35.5





#43

2,4,6-Trichlorophenol

Concen: 41.956 ng

RT: 9.204 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF143539.D

Acq: 21 Aug 2025 19:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

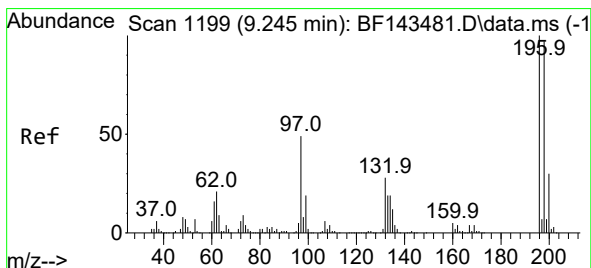
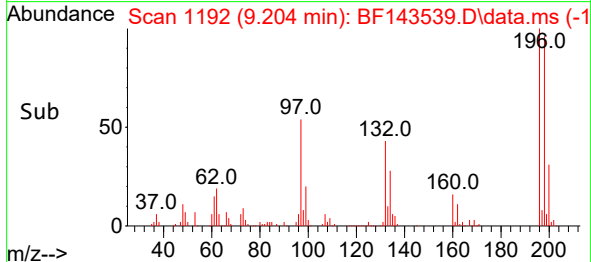
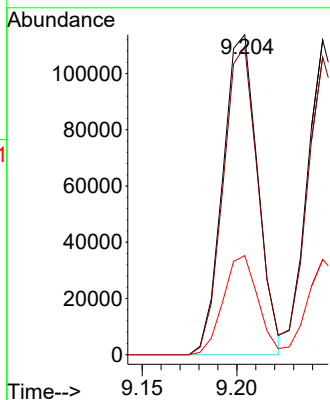
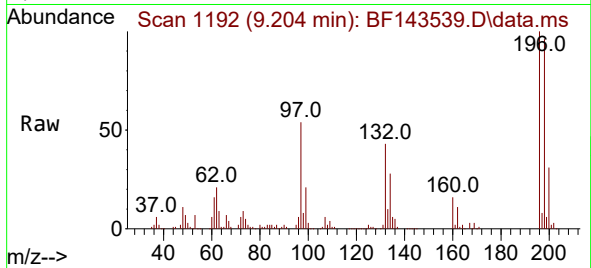
Tgt Ion:196 Resp: 146031

Ion Ratio Lower Upper

196 100

198 96.3 77.0 115.4

200 31.0 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 40.224 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143539.D

Acq: 21 Aug 2025 19:32

Tgt Ion:196 Resp: 152926

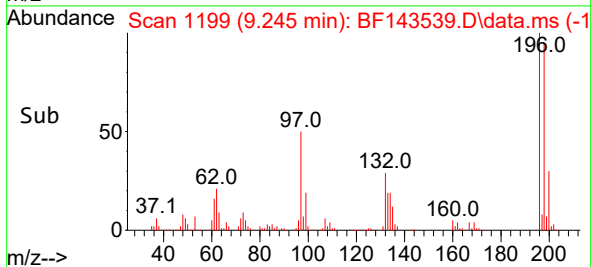
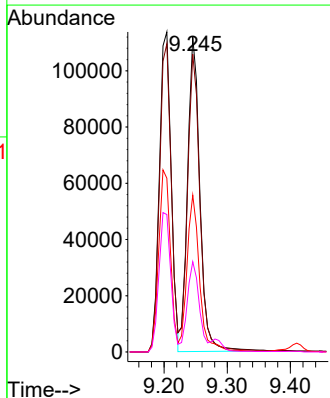
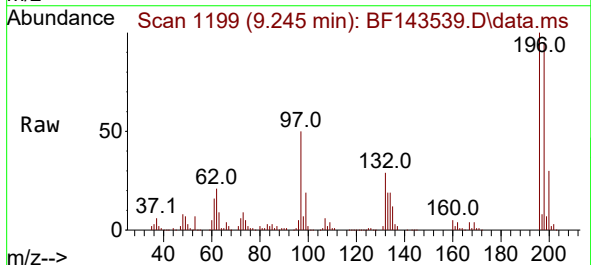
Ion Ratio Lower Upper

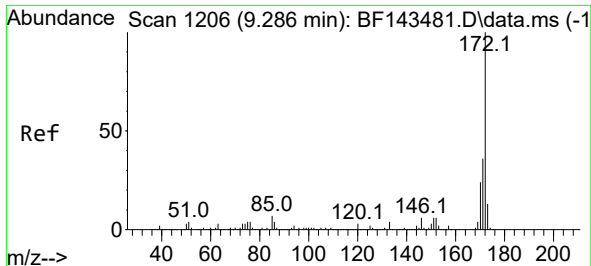
196 100

198 94.6 77.3 115.9

97 49.8 40.0 60.0

132 28.7 22.6 34.0

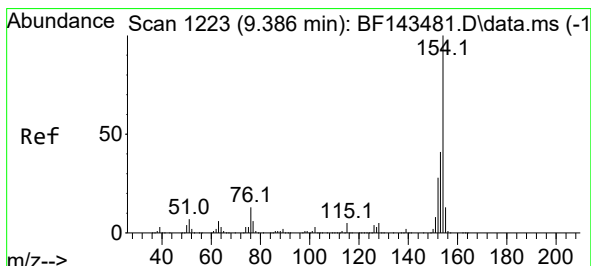
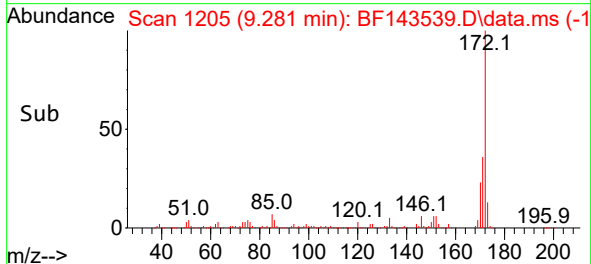
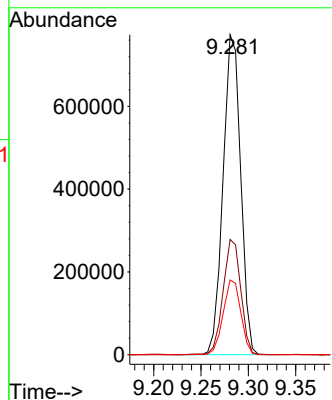
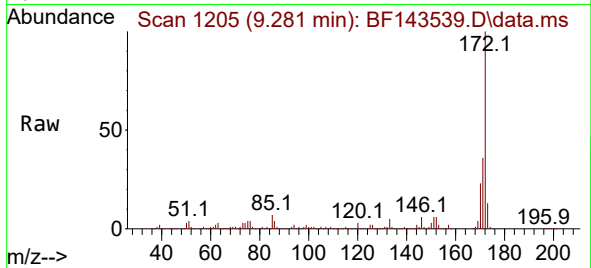




#45
2-Fluorobiphenyl
Concen: 83.673 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

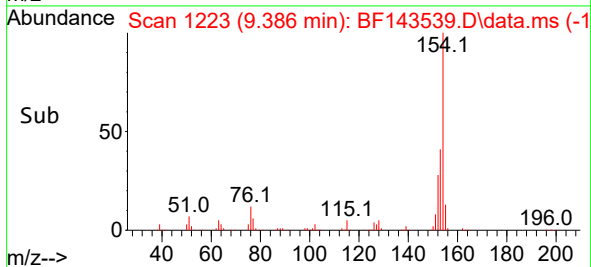
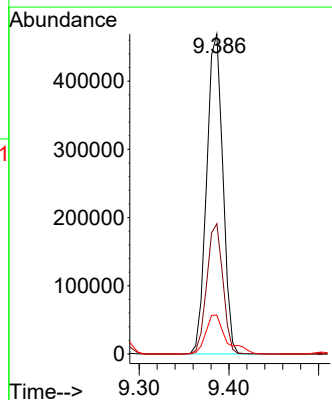
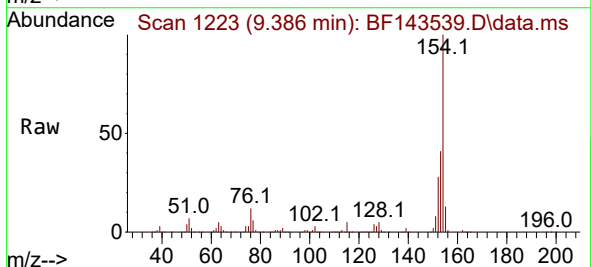
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

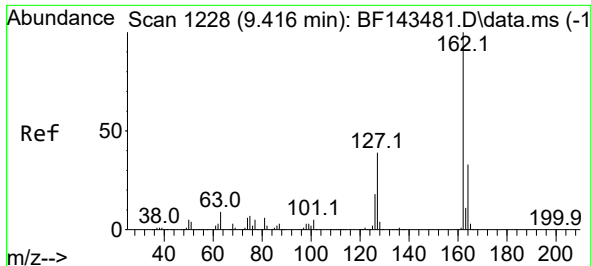
Tgt Ion:172 Resp: 1001186
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.4 18.8 28.2



#46
1,1'-Biphenyl
Concen: 41.811 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

Tgt Ion:154 Resp: 586854
Ion Ratio Lower Upper
154 100
153 40.7 20.6 60.6
76 12.1 0.0 33.0





#47

2-Chloronaphthalene

Concen: 41.011 ng

RT: 9.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143539.D

Acq: 21 Aug 2025 19:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

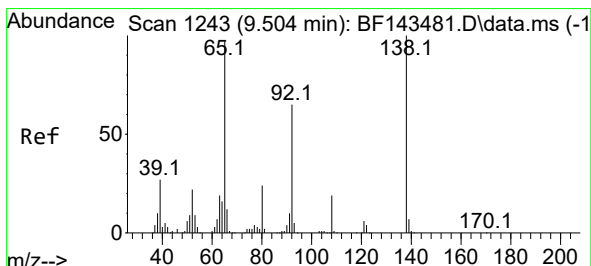
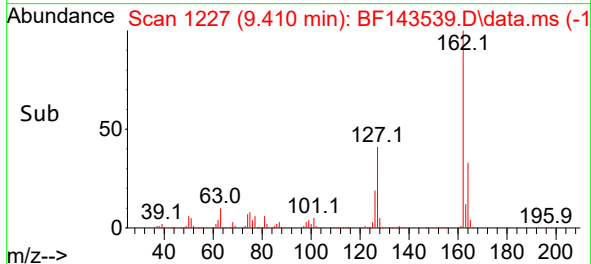
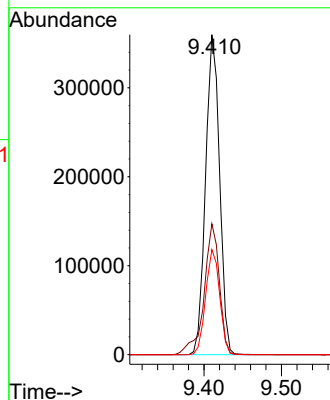
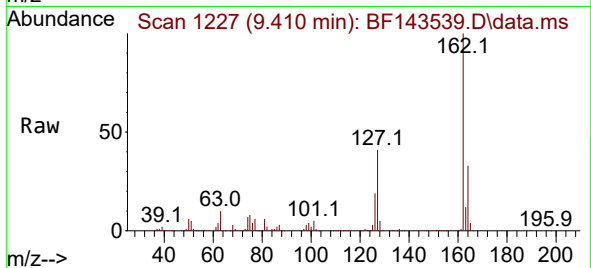
Tgt Ion:162 Resp: 451645

Ion Ratio Lower Upper

162 100

127 40.9 31.8 47.6

164 32.8 26.4 39.6



#48

2-Nitroaniline

Concen: 41.582 ng

RT: 9.504 min Scan# 1243

Delta R.T. -0.006 min

Lab File: BF143539.D

Acq: 21 Aug 2025 19:32

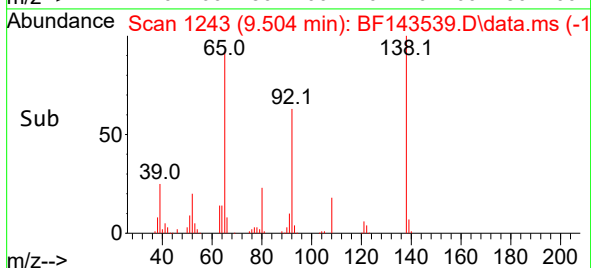
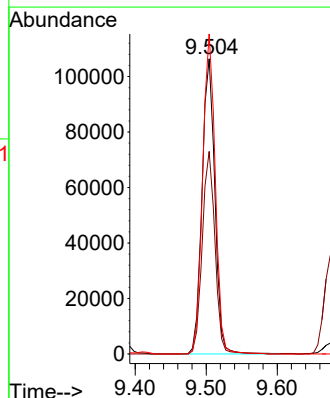
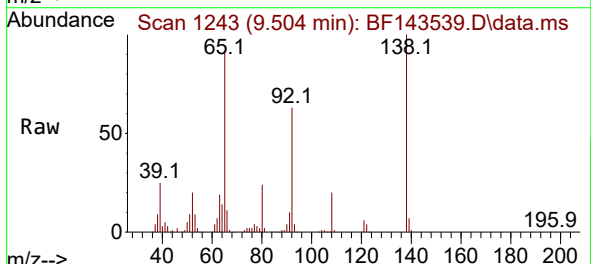
Tgt Ion: 65 Resp: 134022

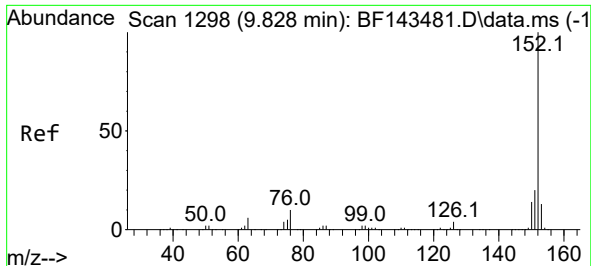
Ion Ratio Lower Upper

65 100

92 68.6 53.8 80.6

138 108.4 82.4 123.6





#49

Acenaphthylene

Concen: 40.434 ng

RT: 9.828 min Scan# 1298

Delta R.T. 0.000 min

Lab File: BF143539.D

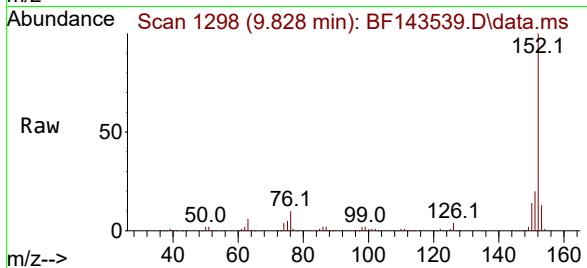
Acq: 21 Aug 2025 19:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



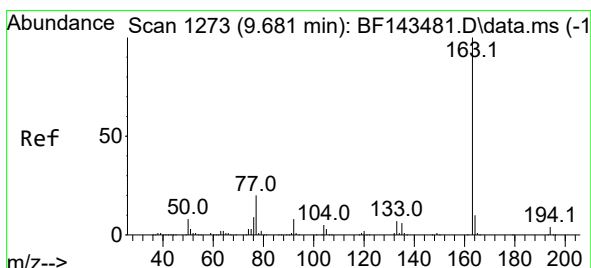
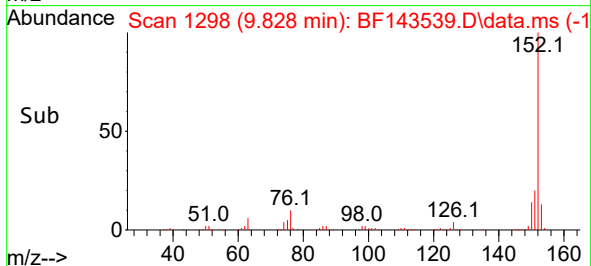
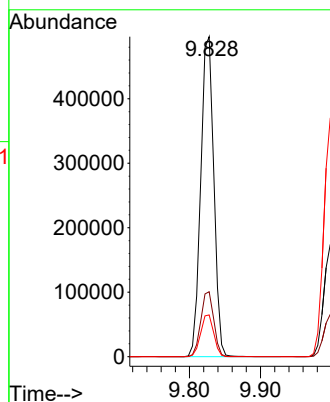
Tgt Ion:152 Resp: 637603

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 13.0 10.6 15.8



#50

Dimethylphthalate

Concen: 44.261 ng

RT: 9.675 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BF143539.D

Acq: 21 Aug 2025 19:32

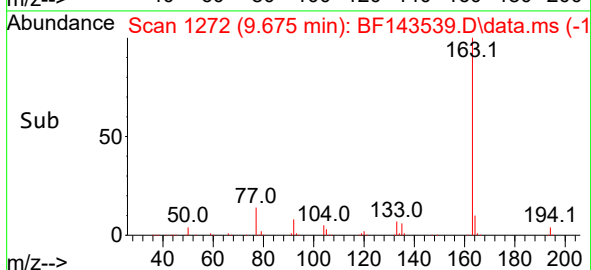
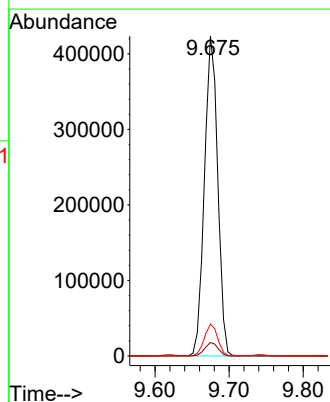
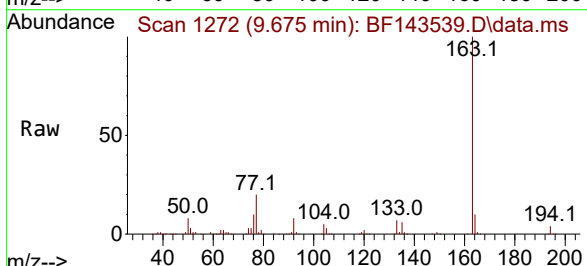
Tgt Ion:163 Resp: 527145

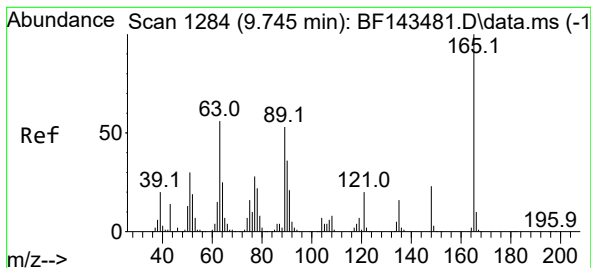
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.0 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 42.723 ng

RT: 9.739 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF143539.D

Acq: 21 Aug 2025 19:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

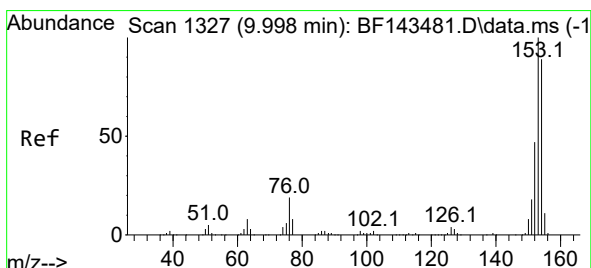
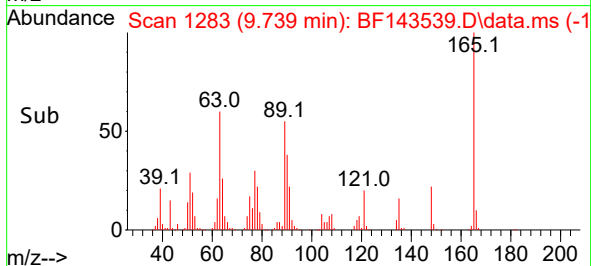
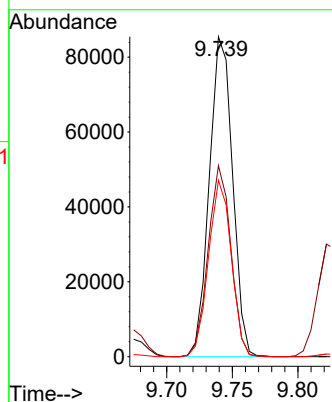
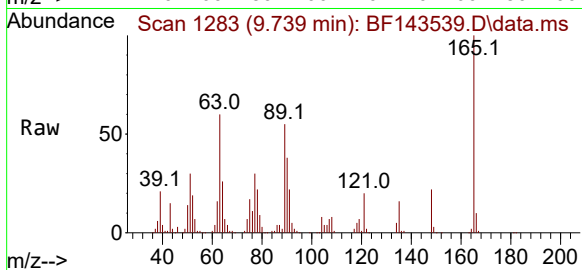
Tgt Ion:165 Resp: 105458

Ion Ratio Lower Upper

165 100

63 59.7 45.0 67.6

89 55.1 42.5 63.7



#52

Acenaphthene

Concen: 39.741 ng

RT: 9.998 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF143539.D

Acq: 21 Aug 2025 19:32

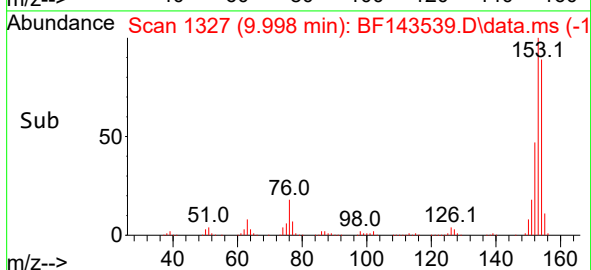
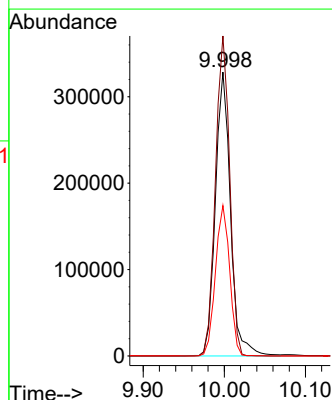
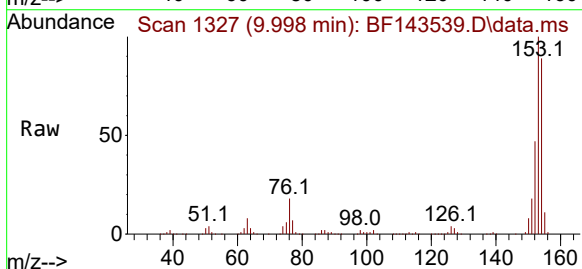
Tgt Ion:154 Resp: 425489

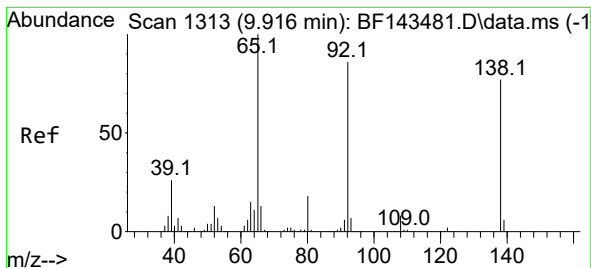
Ion Ratio Lower Upper

154 100

153 112.7 89.5 134.3

152 53.0 42.5 63.7





#53

3-Nitroaniline

Concen: 40.609 ng

RT: 9.916 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143539.D

Acq: 21 Aug 2025 19:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

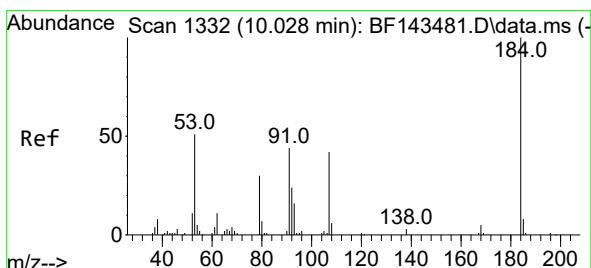
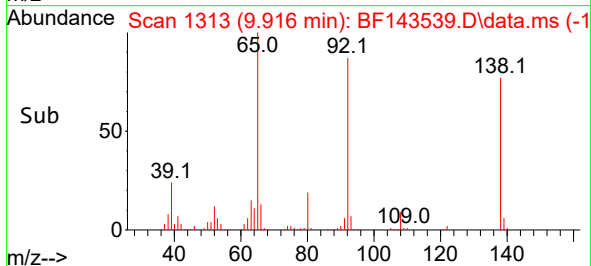
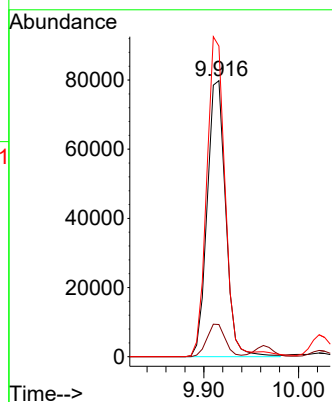
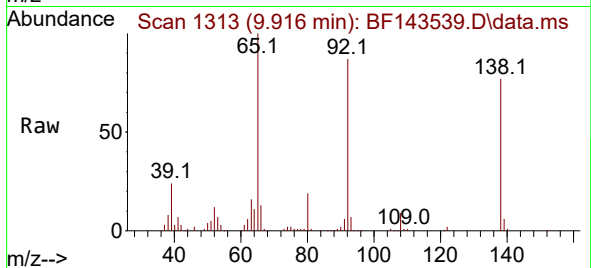
Tgt Ion:138 Resp: 108314

Ion Ratio Lower Upper

138 100

108 11.7 8.6 13.0

92 112.5 89.8 134.8



#54

2,4-Dinitrophenol

Concen: 31.881 ng

RT: 10.022 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BF143539.D

Acq: 21 Aug 2025 19:32

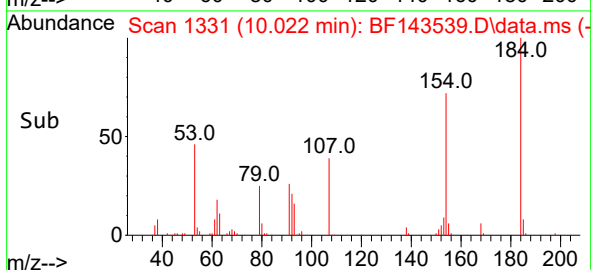
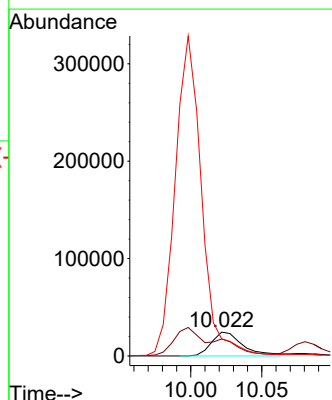
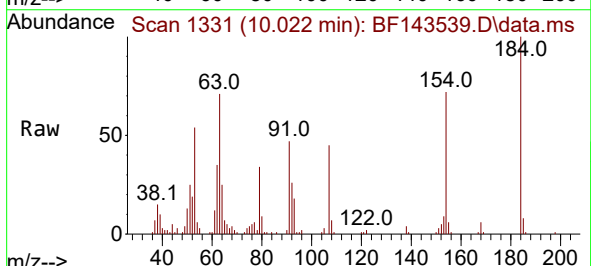
Tgt Ion:184 Resp: 37584

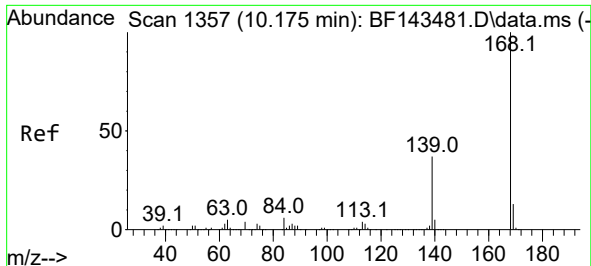
Ion Ratio Lower Upper

184 100

63 70.7 52.6 78.8

154 71.6 51.0 76.4

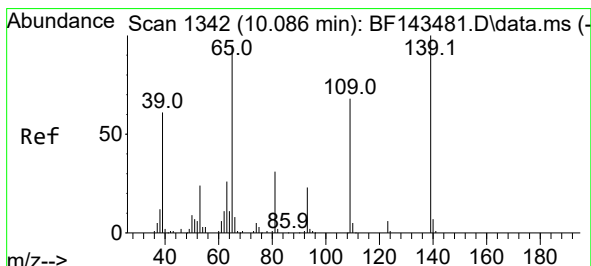
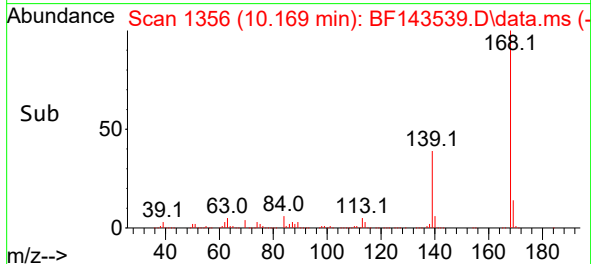
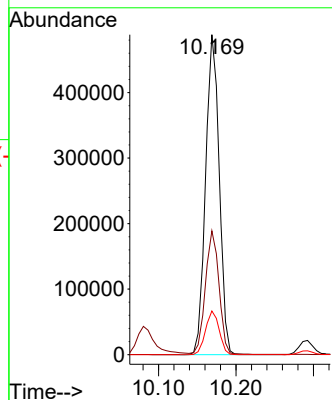
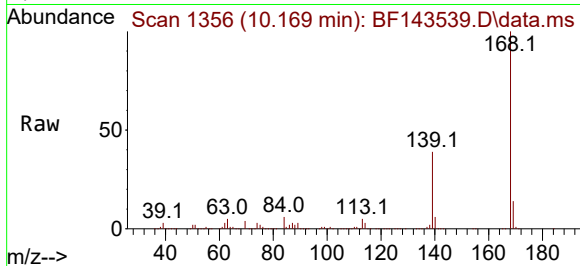




#55
Dibenzenofuran
Concen: 39.052 ng
RT: 10.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

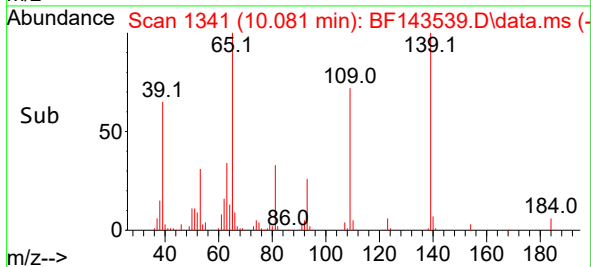
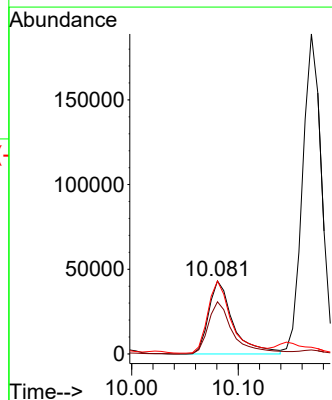
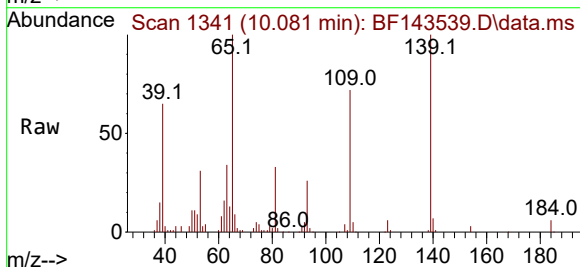
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

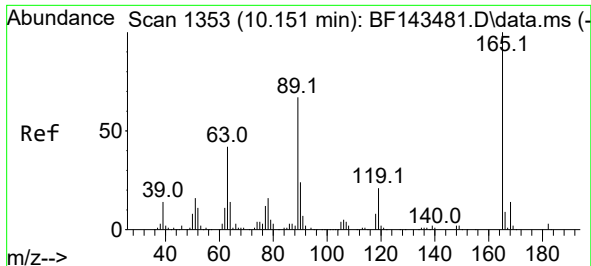
Tgt Ion:168 Resp: 596110
Ion Ratio Lower Upper
168 100
139 38.7 29.8 44.6
169 13.7 10.8 16.2



#56
4-Nitrophenol
Concen: 43.542 ng
RT: 10.081 min Scan# 1341
Delta R.T. -0.005 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

Tgt Ion:139 Resp: 69103
Ion Ratio Lower Upper
139 100
109 71.5 48.2 88.2
65 99.9 75.8 115.8

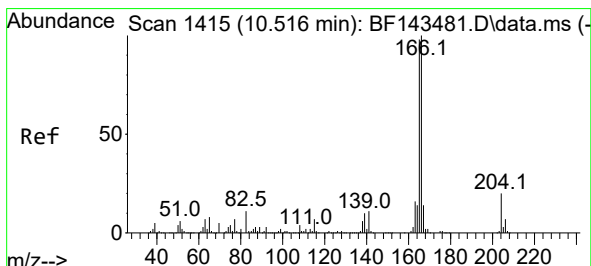
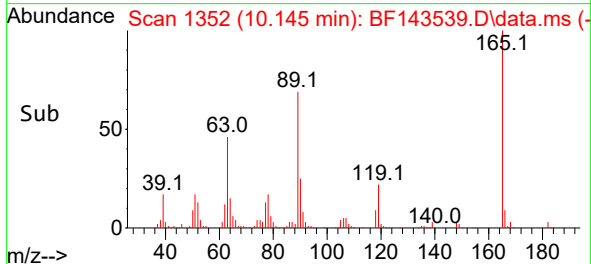
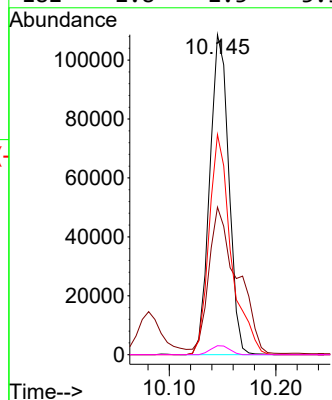
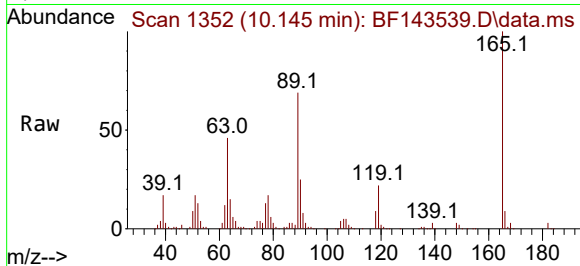




#57
2,4-Dinitrotoluene
Concen: 40.847 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

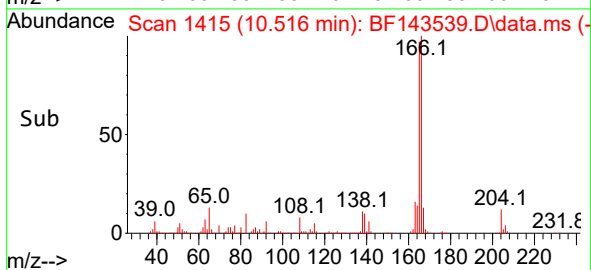
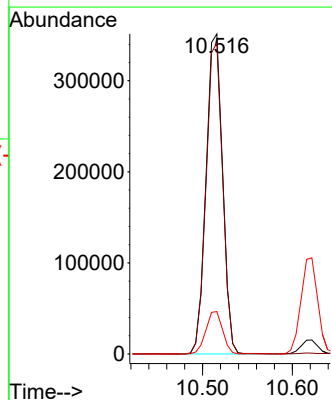
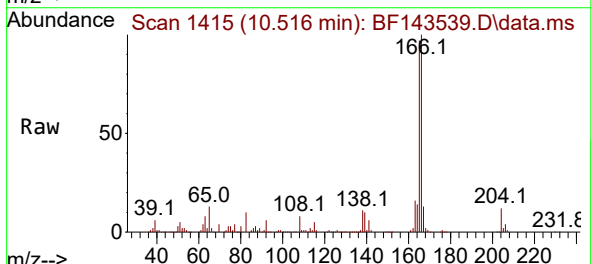
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

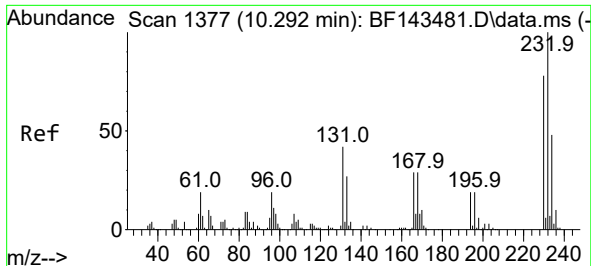
Tgt Ion:165 Resp: 134631
Ion Ratio Lower Upper
165 100
63 46.1 34.9 52.3
89 68.8 53.3 79.9
182 2.8 2.3 3.5



#58
Fluorene
Concen: 38.364 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

Tgt Ion:166 Resp: 450707
Ion Ratio Lower Upper
166 100
165 97.2 78.3 117.5
167 13.2 11.0 16.4

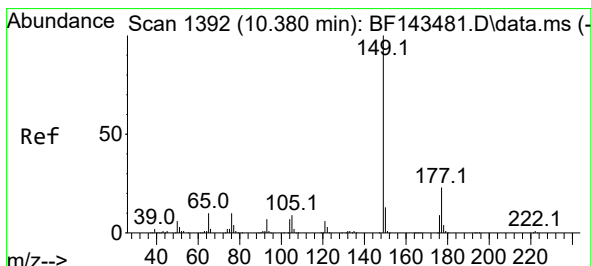
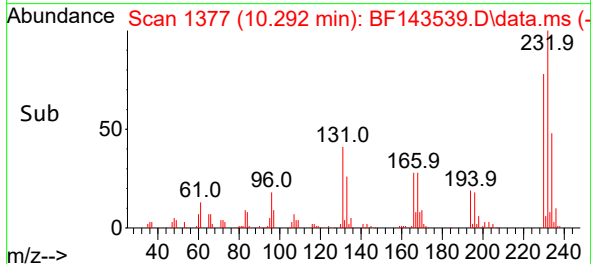
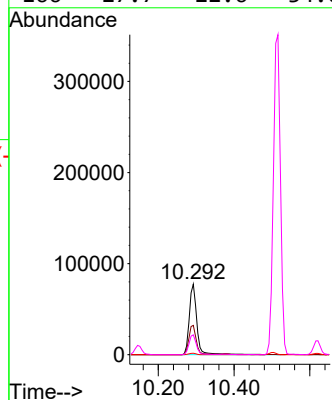
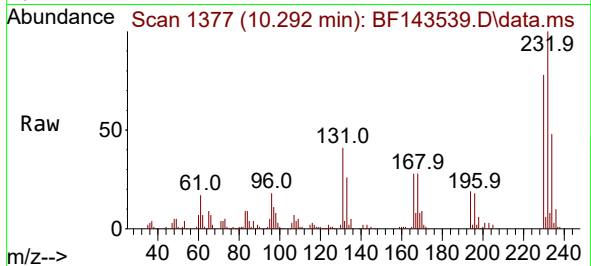




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.783 ng
RT: 10.292 min Scan# 1377
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

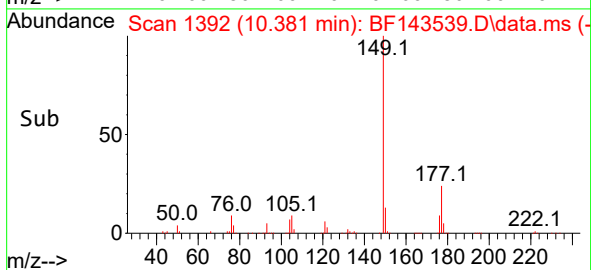
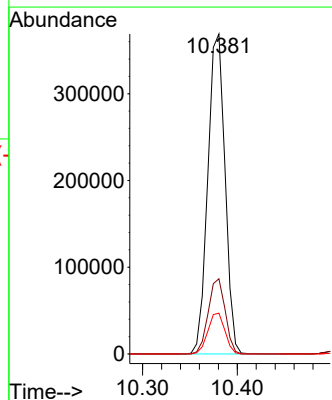
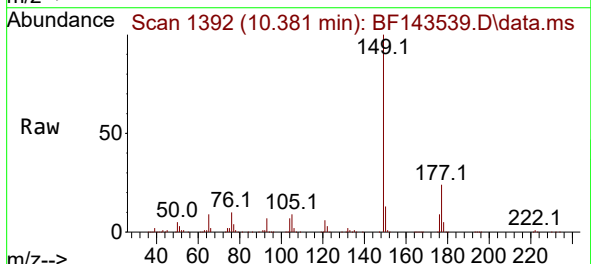
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

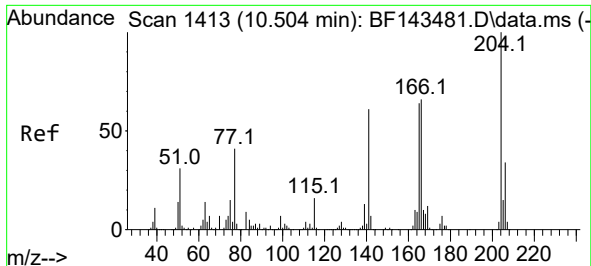
Tgt Ion:232 Resp: 106720
Ion Ratio Lower Upper
232 100
131 41.0 32.7 49.1
130 1.9 1.6 2.4
166 27.7 22.6 34.0



#60
Diethylphthalate
Concen: 43.716 ng
RT: 10.381 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

Tgt Ion:149 Resp: 466799
Ion Ratio Lower Upper
149 100
177 23.5 18.3 27.5
150 12.7 10.3 15.5

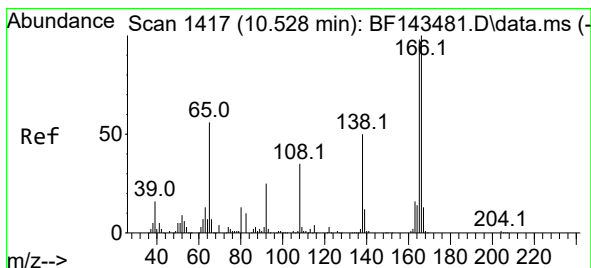
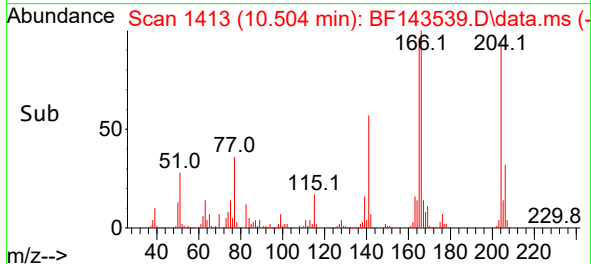
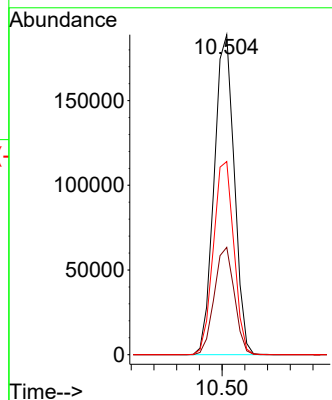
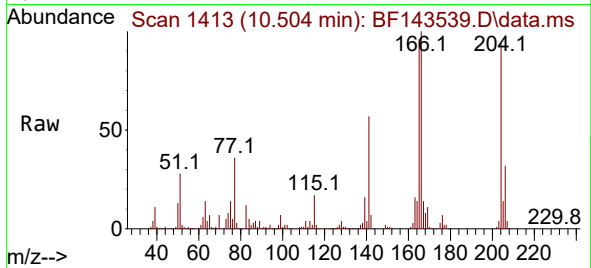




#61
4-Chlorophenyl-phenylether
Concen: 39.562 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

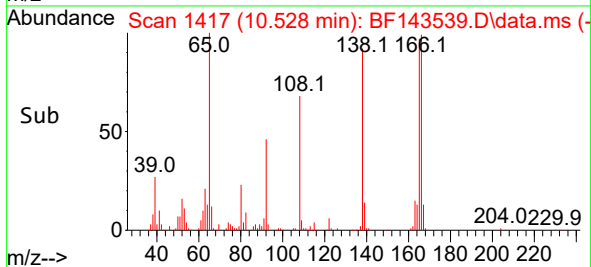
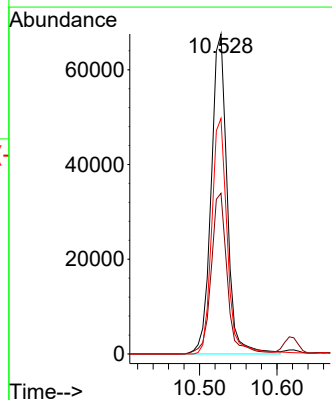
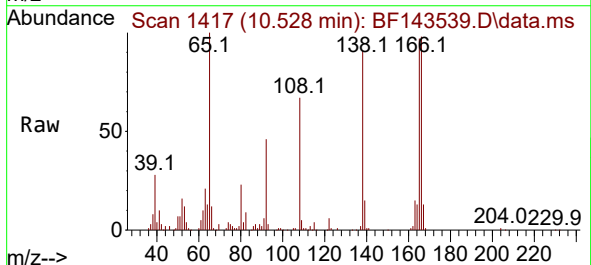
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

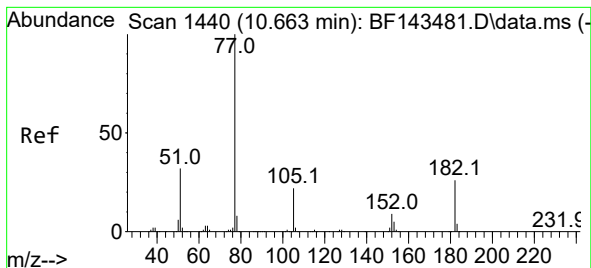
Tgt Ion:204 Resp: 232448
Ion Ratio Lower Upper
204 100
206 33.6 27.0 40.4
141 60.3 48.7 73.1



#62
4-Nitroaniline
Concen: 39.469 ng
RT: 10.528 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

Tgt Ion:138 Resp: 96697
Ion Ratio Lower Upper
138 100
92 50.2 29.3 69.3
108 73.6 50.7 90.7

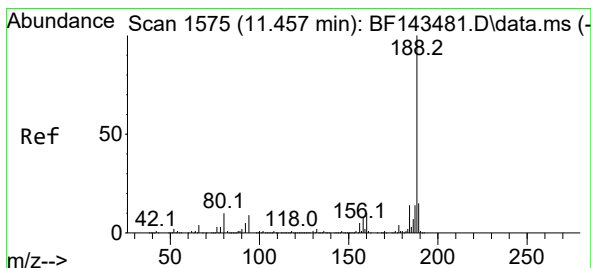
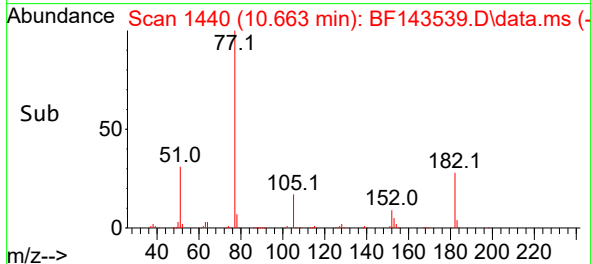
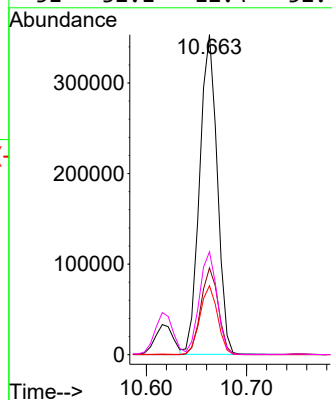
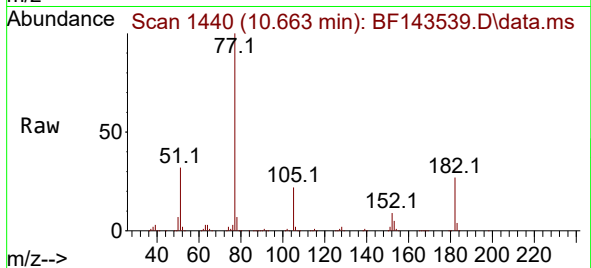




#63
Azobenzene
Concen: 38.969 ng
RT: 10.663 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

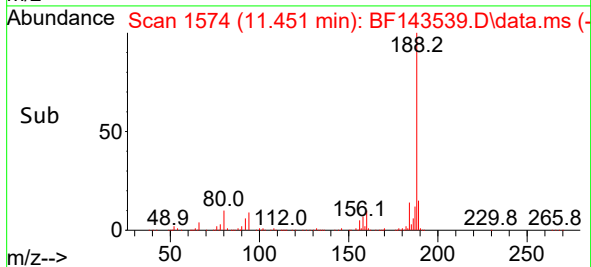
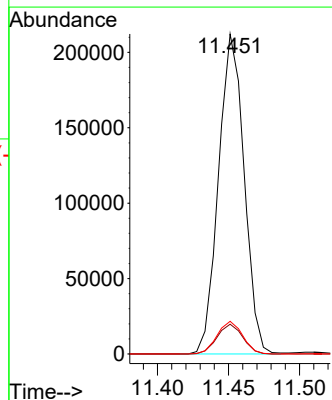
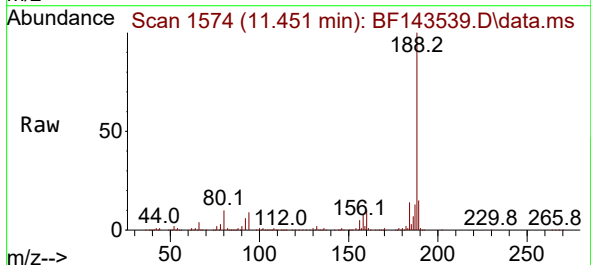
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

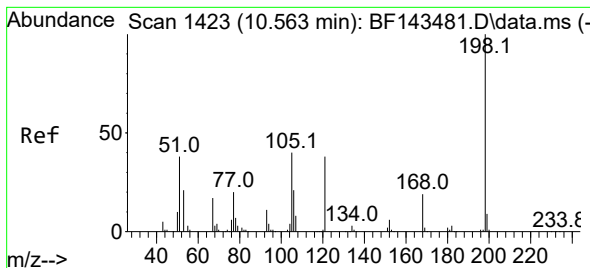
Tgt Ion:	77	Resp:	431460
Ion	Ratio	Lower	Upper
77	100		
182	27.1	6.2	46.2
105	21.5	2.2	42.2
51	32.1	12.4	52.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

Tgt Ion:	188	Resp:	266164
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.4	11.2
80	10.2	8.2	12.4

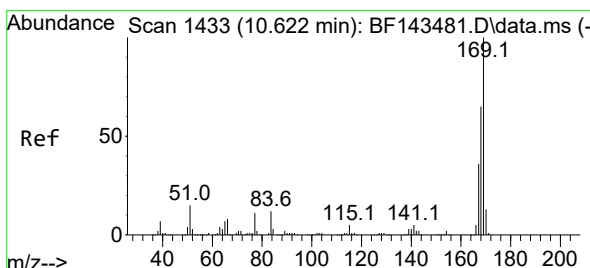
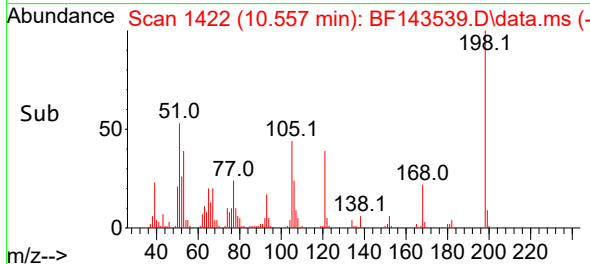
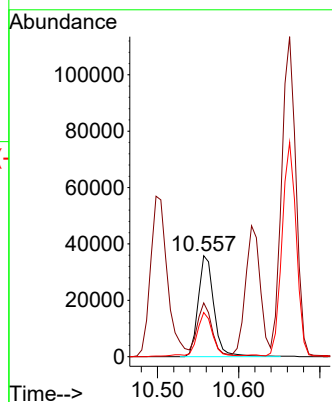
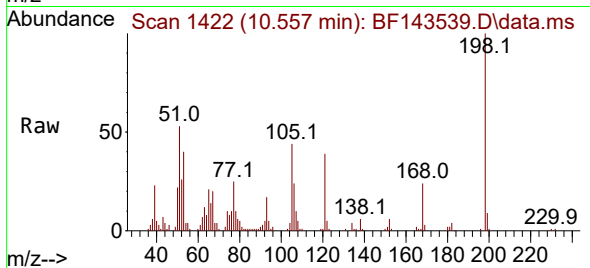




#65
4,6-Dinitro-2-methylphenol
Concen: 32.117 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

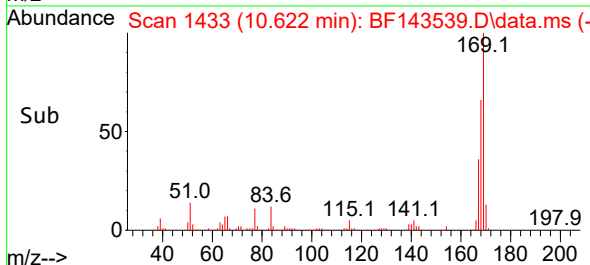
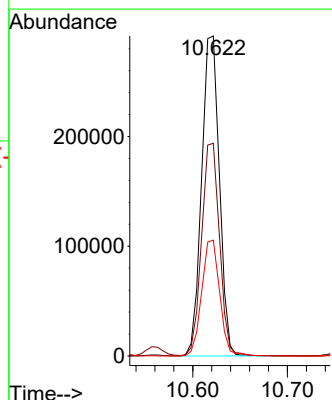
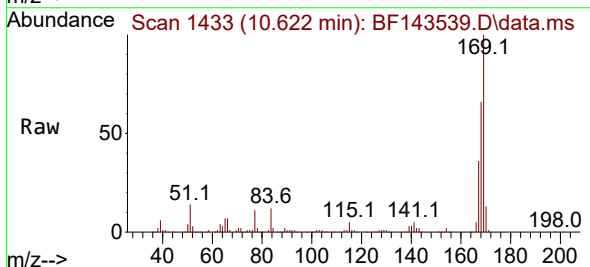
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

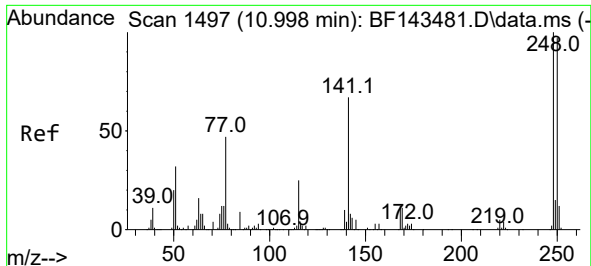
Tgt Ion:198 Resp: 48200
Ion Ratio Lower Upper
198 100
51 53.2 29.6 69.6
105 43.7 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 44.307 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

Tgt Ion:169 Resp: 379520
Ion Ratio Lower Upper
169 100
168 66.4 52.4 78.6
167 36.2 28.9 43.3

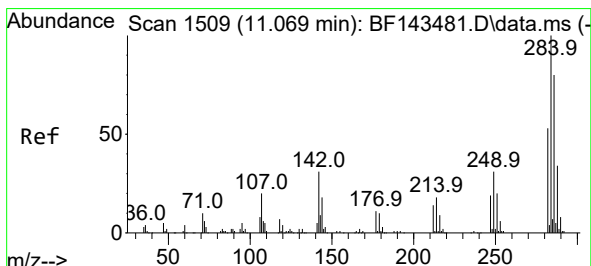
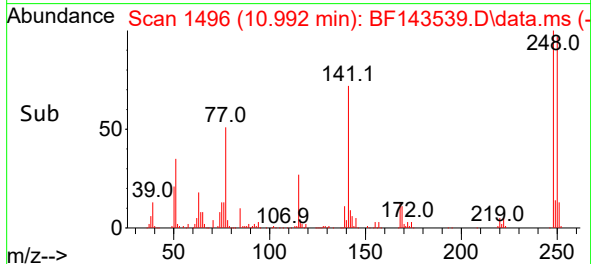
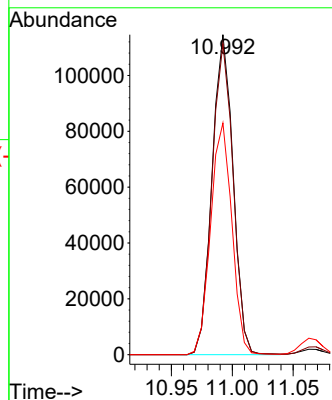
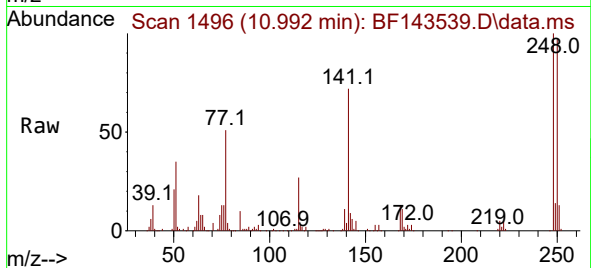




#67
4-Bromophenyl-phenylether
Concen: 43.446 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

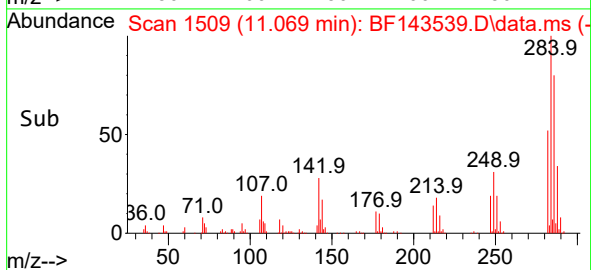
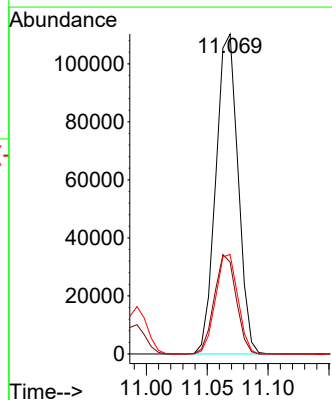
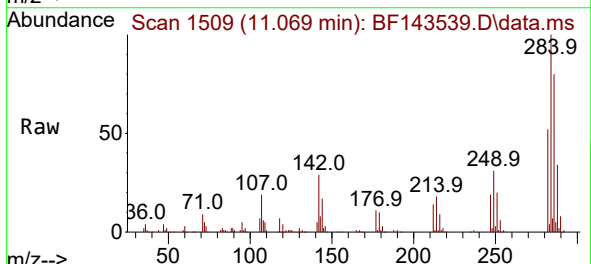
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

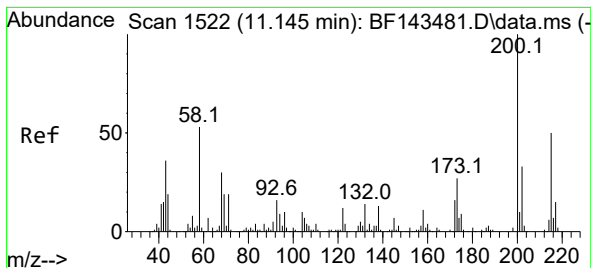
Tgt Ion:248 Resp: 137974
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.8
141 72.4 54.0 81.0



#68
Hexachlorobenzene
Concen: 40.894 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

Tgt Ion:284 Resp: 139989
Ion Ratio Lower Upper
284 100
142 28.7 24.4 36.6
249 31.1 25.0 37.6





#69

Atrazine

Concen: 51.067 ng

RT: 11.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143539.D

Acq: 21 Aug 2025 19:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

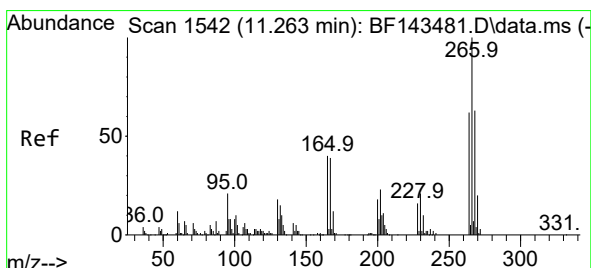
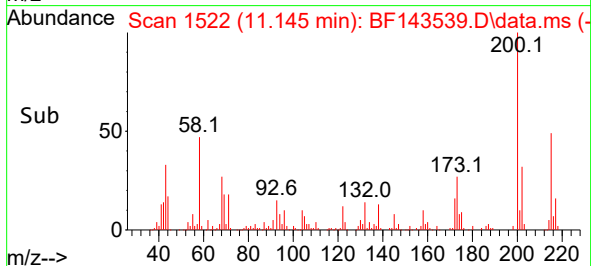
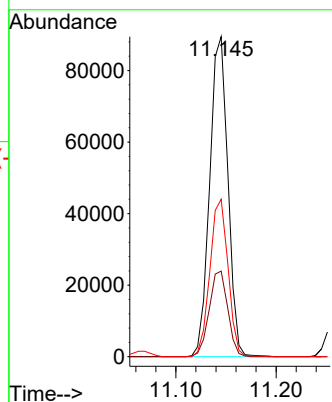
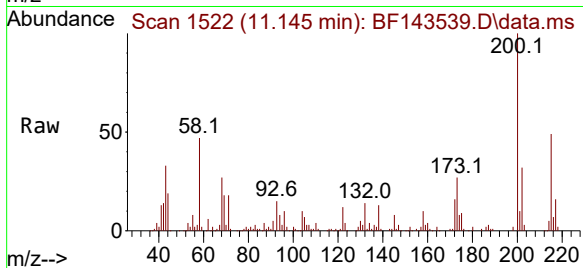
Tgt Ion:200 Resp: 112914

Ion Ratio Lower Upper

200 100

173 26.7 6.9 46.9

215 49.2 30.0 70.0



#70

Pentachlorophenol

Concen: 82.680 ng

RT: 11.263 min Scan# 1542

Delta R.T. -0.006 min

Lab File: BF143539.D

Acq: 21 Aug 2025 19:32

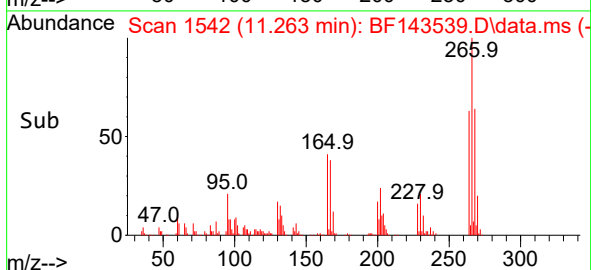
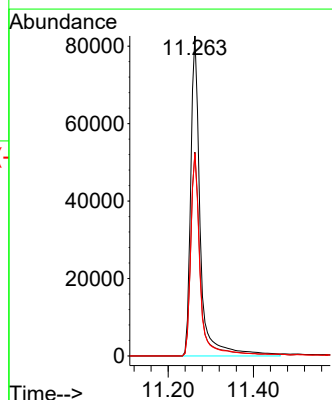
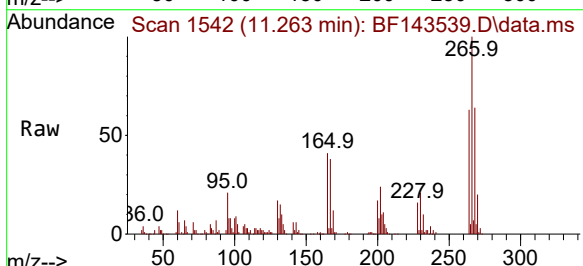
Tgt Ion:266 Resp: 129625

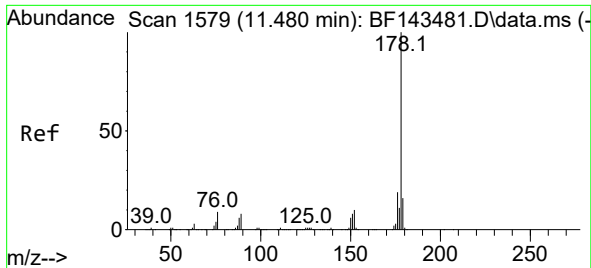
Ion Ratio Lower Upper

266 100

268 63.7 50.5 75.7

264 63.2 49.8 74.8

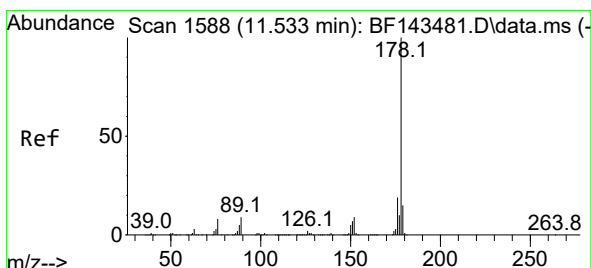
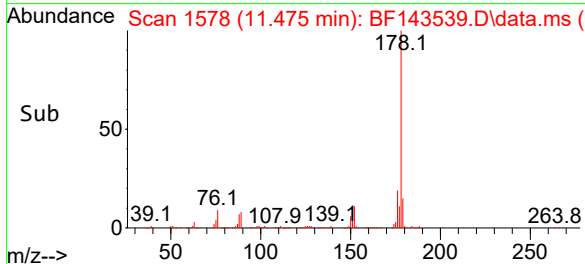
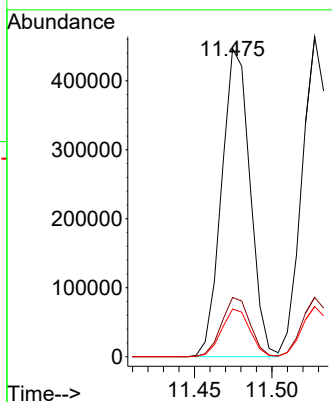
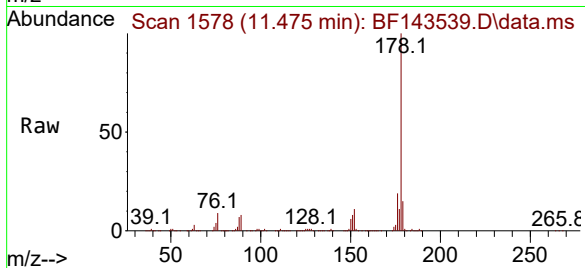




#71
Phenanthrene
Concen: 39.974 ng
RT: 11.475 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

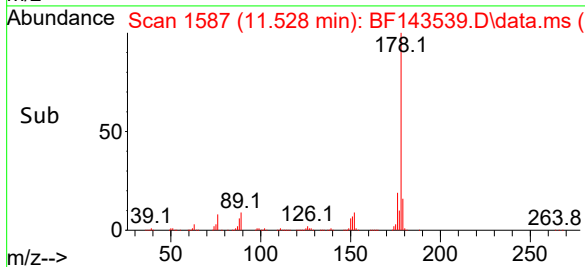
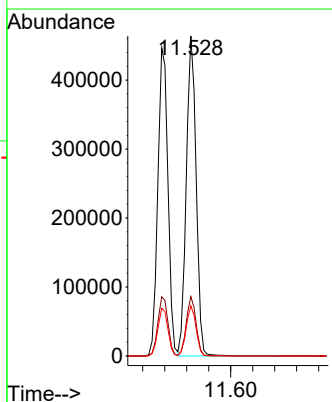
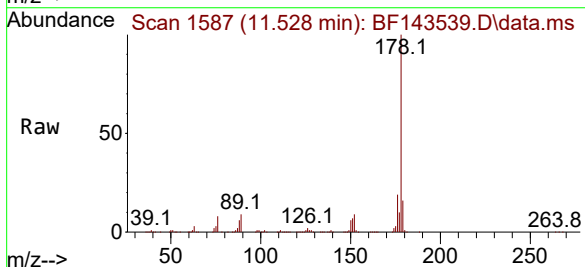
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

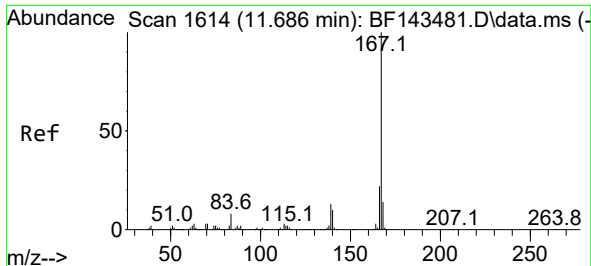
Tgt Ion:178 Resp: 569767
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.5 12.5 18.7



#72
Anthracene
Concen: 39.947 ng
RT: 11.528 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

Tgt Ion:178 Resp: 576813
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.6 12.3 18.5

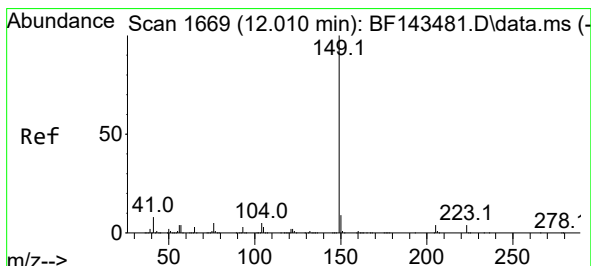
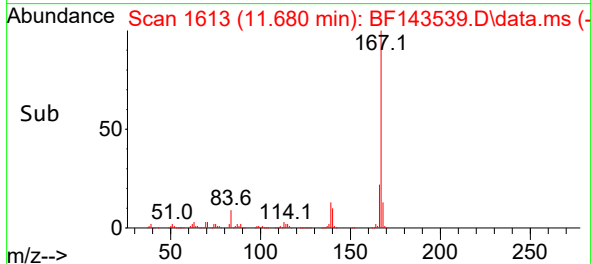
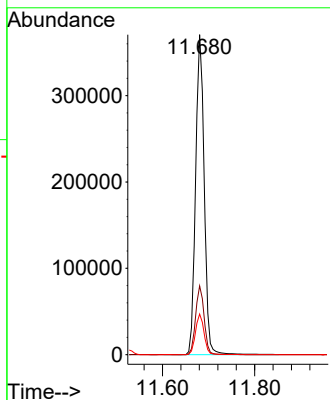
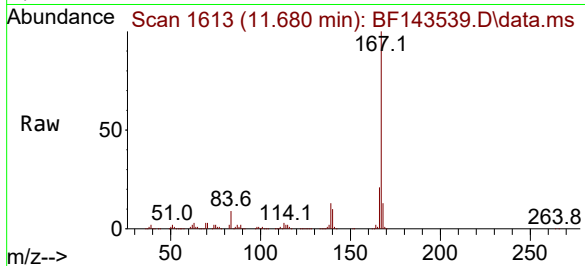




#73
 Carbazole
 Concen: 40.531 ng
 RT: 11.680 min Scan# 1614
 Delta R.T. -0.006 min
 Lab File: BF143539.D
 Acq: 21 Aug 2025 19:32

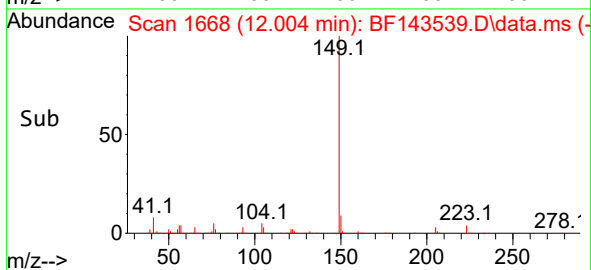
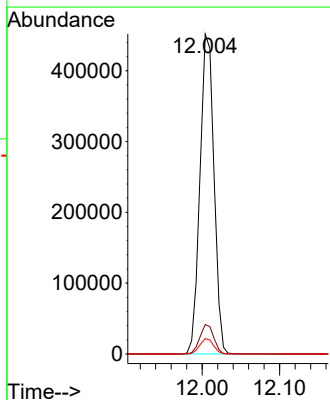
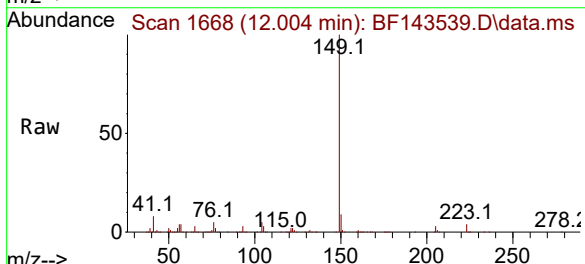
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

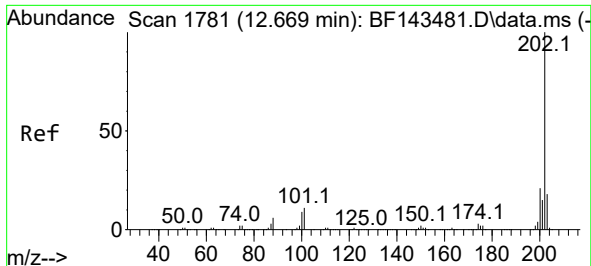
Tgt Ion:167 Resp: 479540
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 12.7 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 51.539 ng
 RT: 12.004 min Scan# 1668
 Delta R.T. -0.006 min
 Lab File: BF143539.D
 Acq: 21 Aug 2025 19:32

Tgt Ion:149 Resp: 568861
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 4.8 3.6 5.4

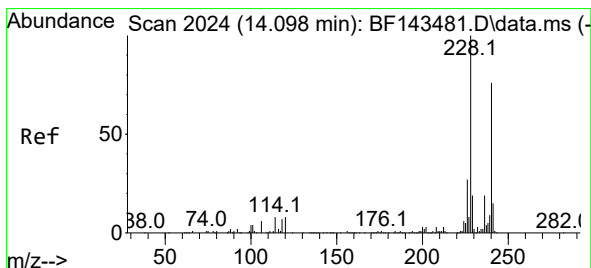
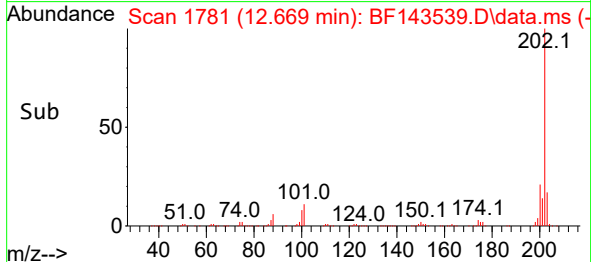
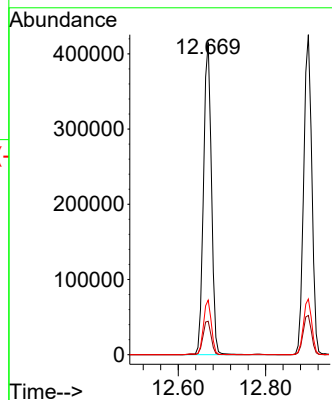
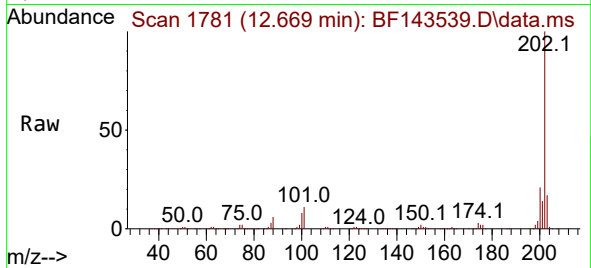




#75
Fluoranthene
Concen: 40.959 ng
RT: 12.669 min Scan# 1781
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

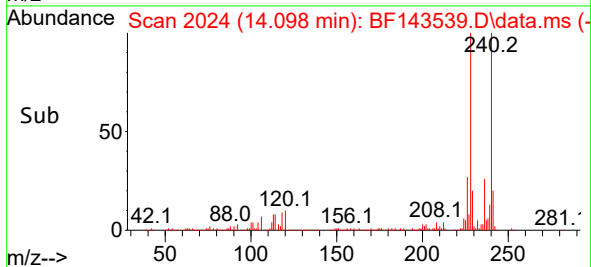
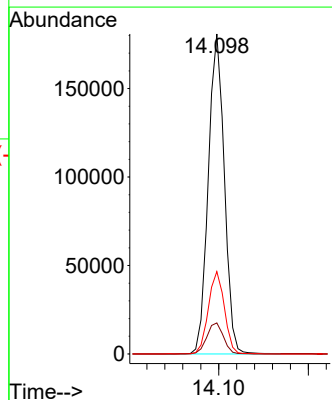
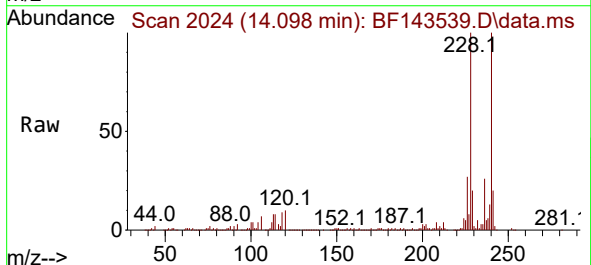
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

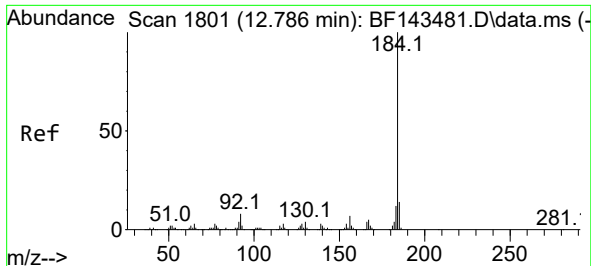
Tgt Ion:202 Resp: 523856
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.3
203 17.5 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

Tgt Ion:240 Resp: 224613
Ion Ratio Lower Upper
240 100
120 9.7 8.6 12.8
236 25.8 20.4 30.6

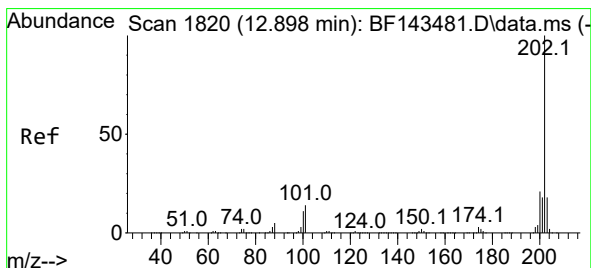
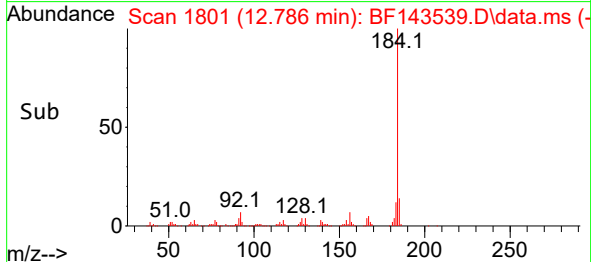
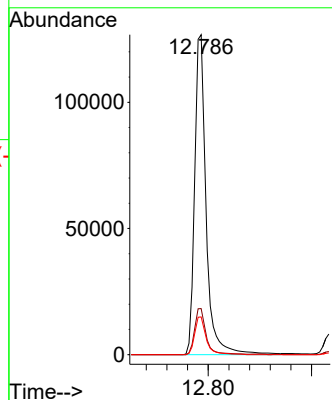
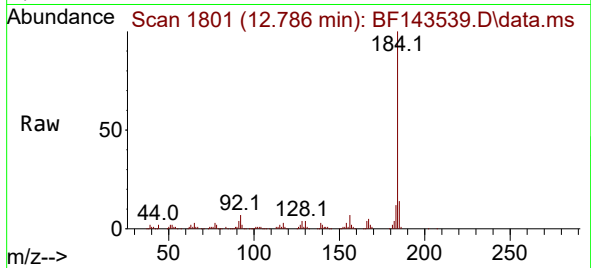




#77
Benzidine
Concen: 35.773 ng
RT: 12.786 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

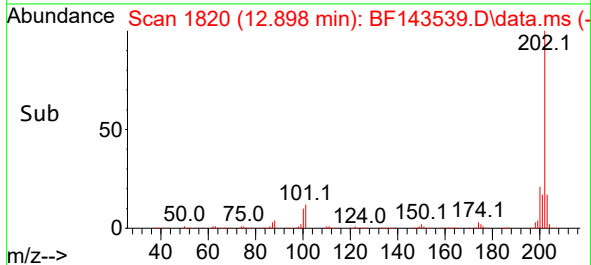
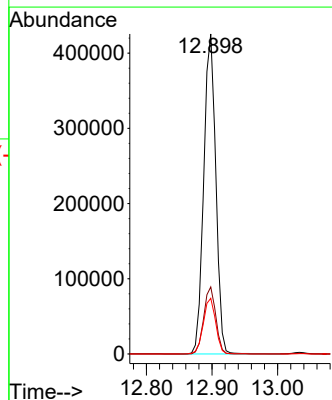
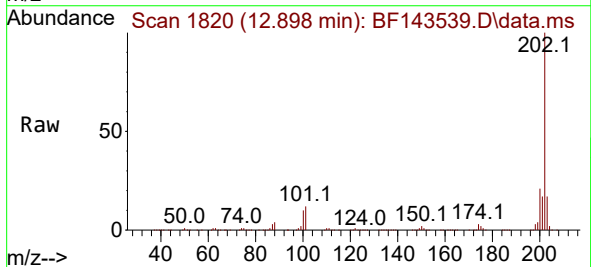
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

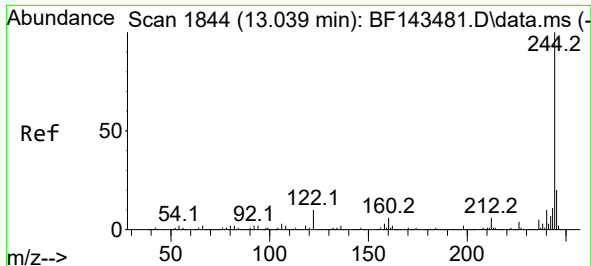
Tgt Ion:184 Resp: 195722
Ion Ratio Lower Upper
184 100
185 14.4 11.3 16.9
183 11.8 9.5 14.3



#78
Pyrene
Concen: 29.545 ng
RT: 12.898 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

Tgt Ion:202 Resp: 545878
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.4
203 17.4 14.3 21.5

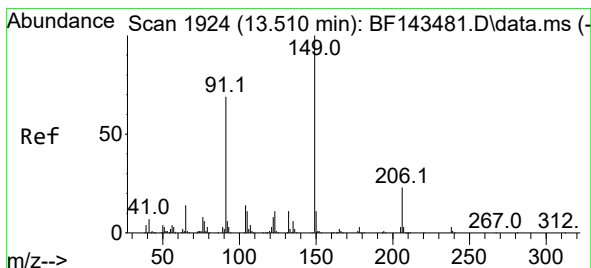
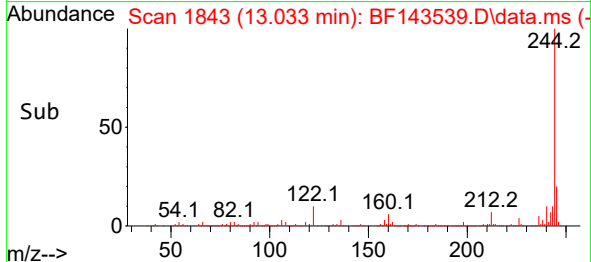
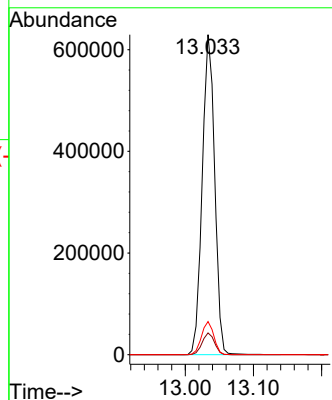
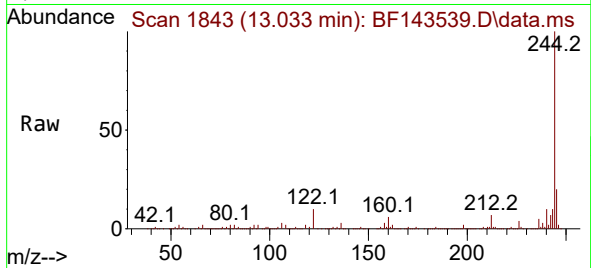




#79
 Terphenyl-d14
 Concen: 62.064 ng
 RT: 13.033 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF143539.D
 Acq: 21 Aug 2025 19:32

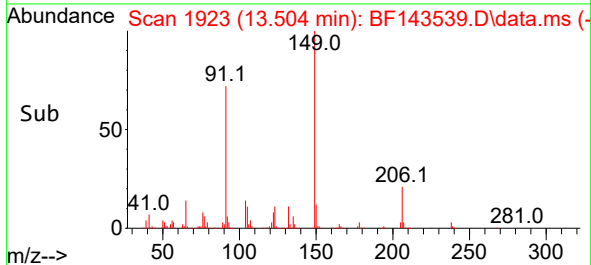
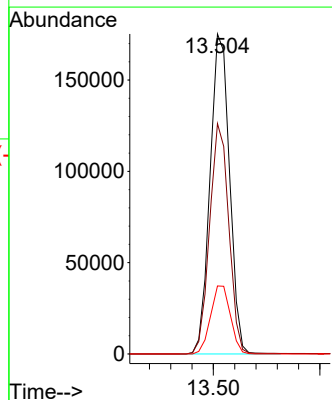
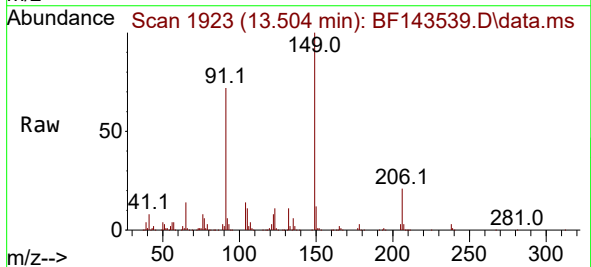
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

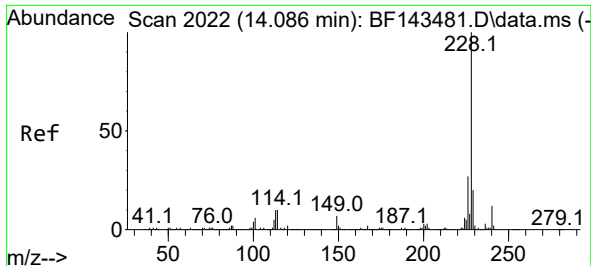
Tgt Ion:244 Resp: 798863
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.2 7.8
 122 10.3 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 44.044 ng
 RT: 13.504 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF143539.D
 Acq: 21 Aug 2025 19:32

Tgt Ion:149 Resp: 222304
 Ion Ratio Lower Upper
 149 100
 91 72.0 55.3 82.9
 206 21.3 18.2 27.4

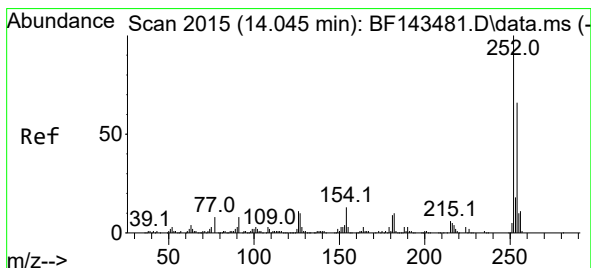
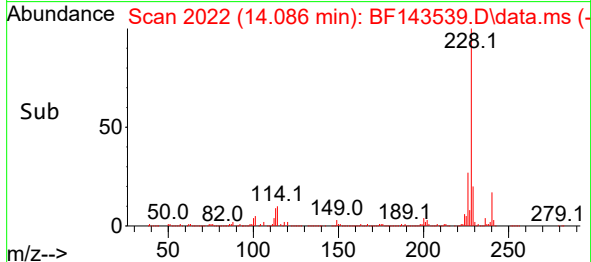
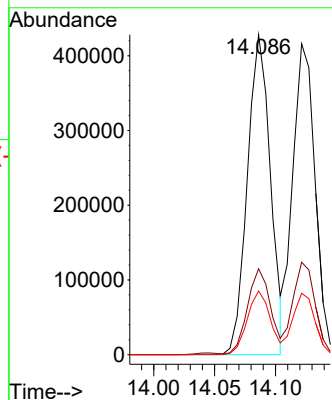
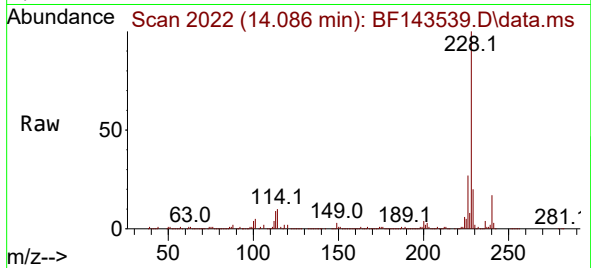




#81
Benzo(a)anthracene
Concen: 39.132 ng
RT: 14.086 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

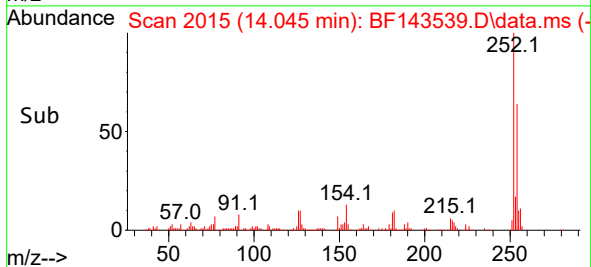
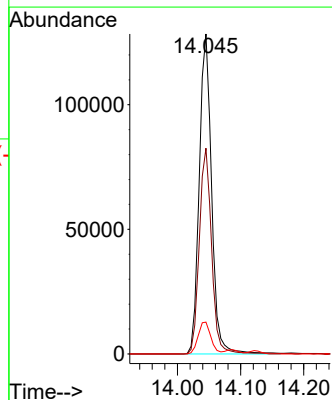
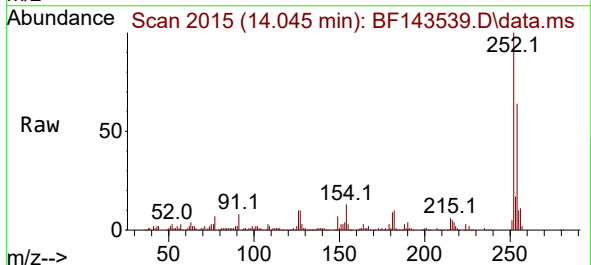
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

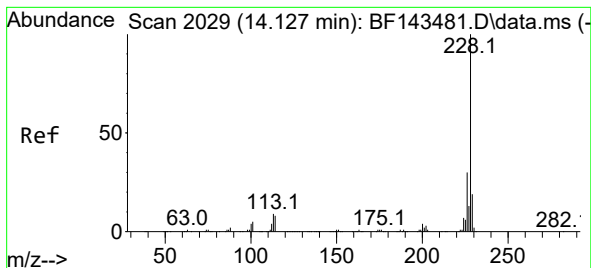
Tgt Ion:228 Resp: 565876
Ion Ratio Lower Upper
228 100
226 26.8 21.7 32.5
229 19.9 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 42.194 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

Tgt Ion:252 Resp: 174738
Ion Ratio Lower Upper
252 100
254 64.3 52.6 79.0
126 10.0 8.7 13.1





#83

Chrysene

Concen: 41.167 ng

RT: 14.121 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF143539.D

Acq: 21 Aug 2025 19:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

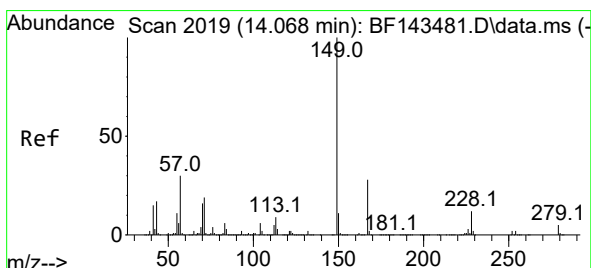
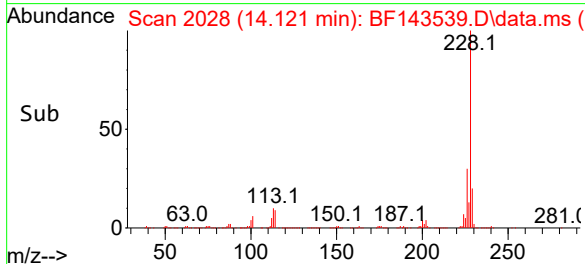
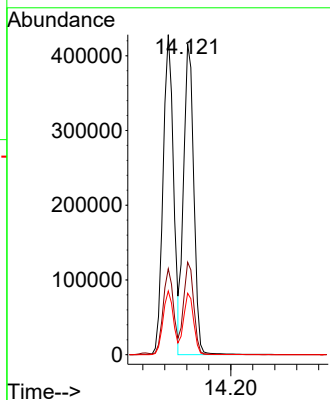
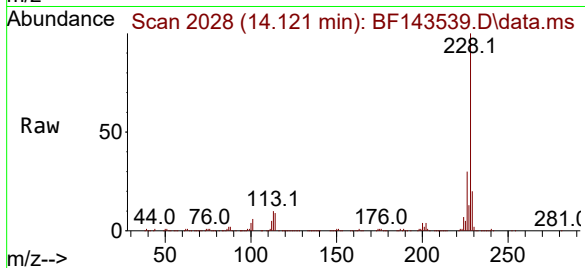
Tgt Ion:228 Resp: 534990

Ion Ratio Lower Upper

228 100

226 29.7 23.7 35.5

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.053 ng

RT: 14.069 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF143539.D

Acq: 21 Aug 2025 19:32

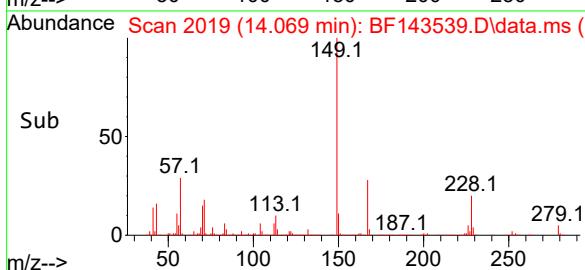
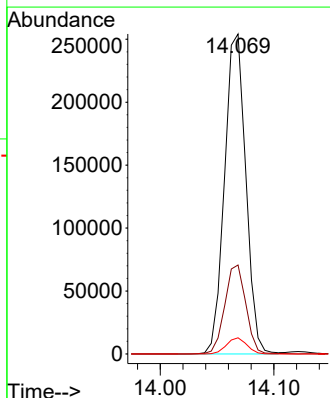
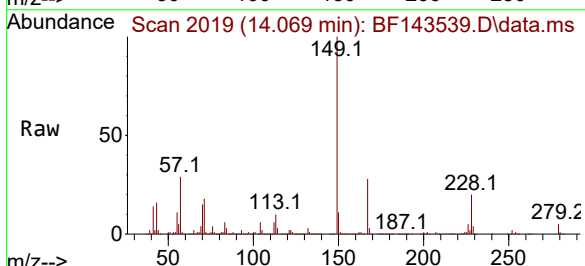
Tgt Ion:149 Resp: 330969

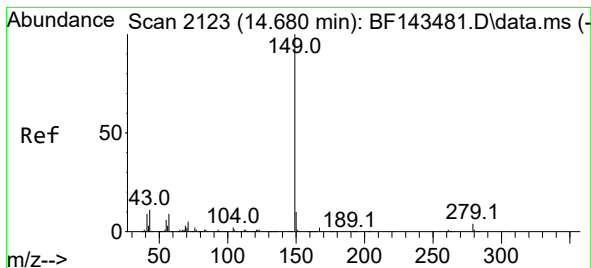
Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.2

279 5.0 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 42.167 ng

RT: 14.680 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BF143539.D

Acq: 21 Aug 2025 19:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

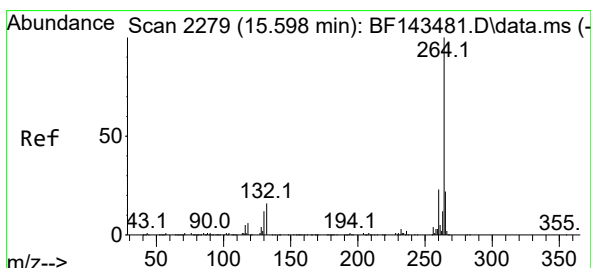
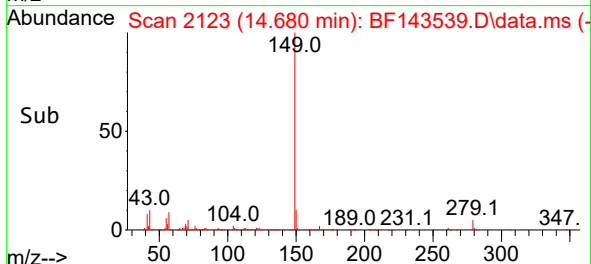
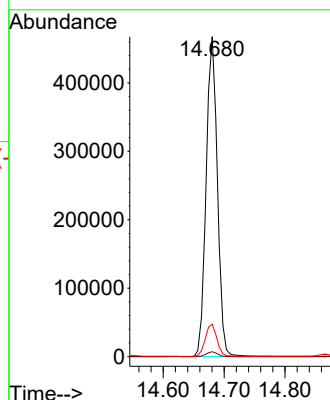
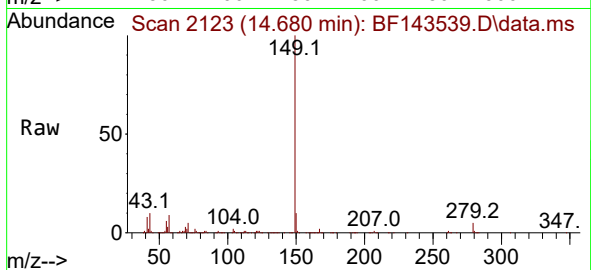
Tgt Ion:149 Resp: 600507

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.3 8.5 12.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.592 min Scan# 2278

Delta R.T. -0.006 min

Lab File: BF143539.D

Acq: 21 Aug 2025 19:32

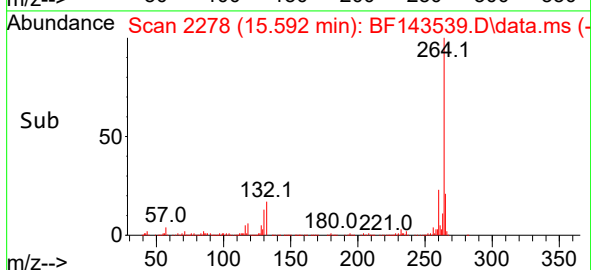
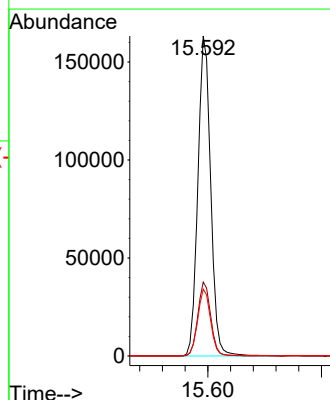
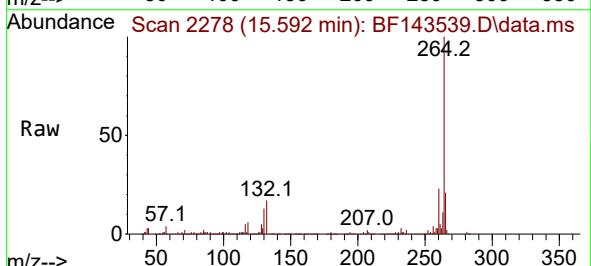
Tgt Ion:264 Resp: 256535

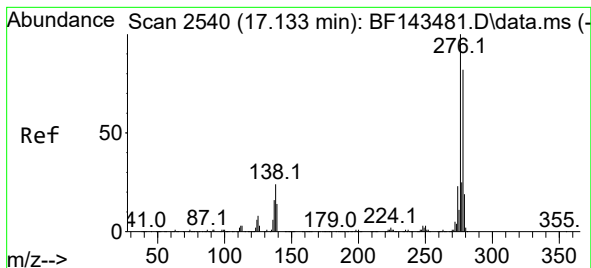
Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 20.9 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 28.150 ng

RT: 17.121 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF143539.D

Acq: 21 Aug 2025 19:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

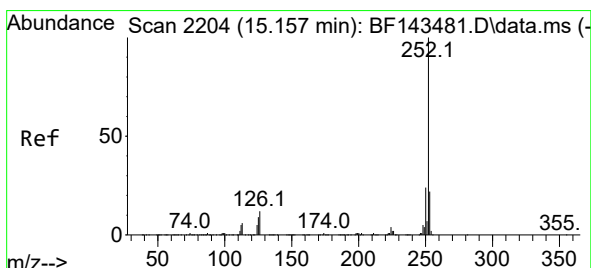
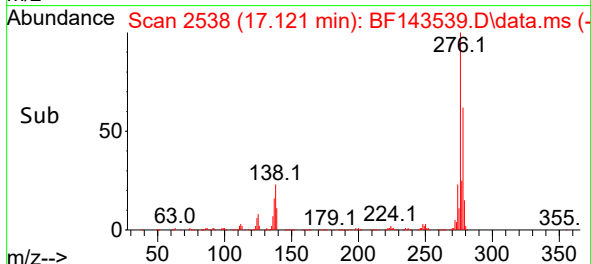
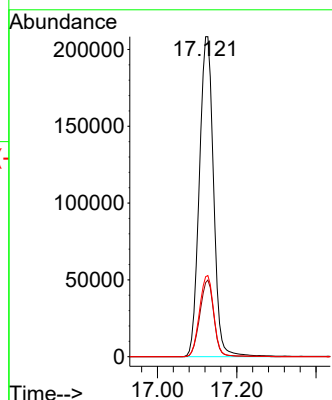
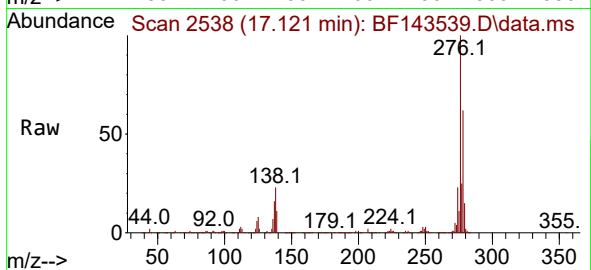
Tgt Ion:276 Resp: 518934

Ion Ratio Lower Upper

276 100

138 23.6 19.2 28.8

277 25.6 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 42.428 ng

RT: 15.157 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF143539.D

Acq: 21 Aug 2025 19:32

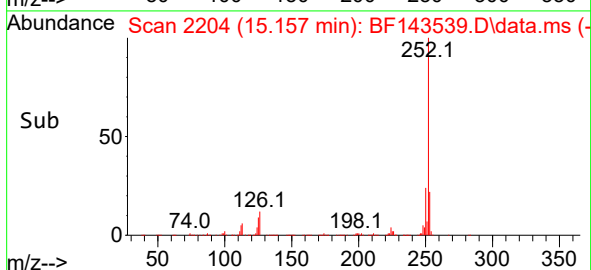
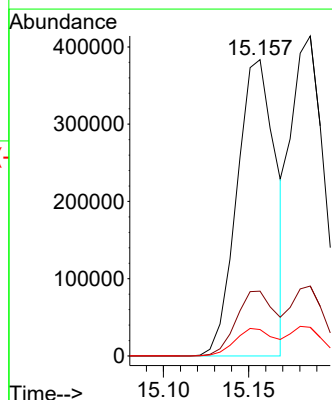
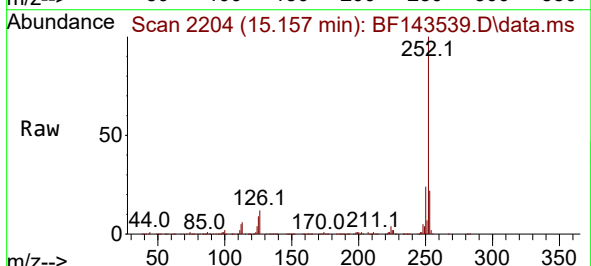
Tgt Ion:252 Resp: 605018

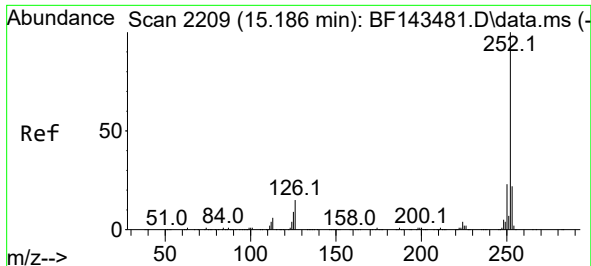
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

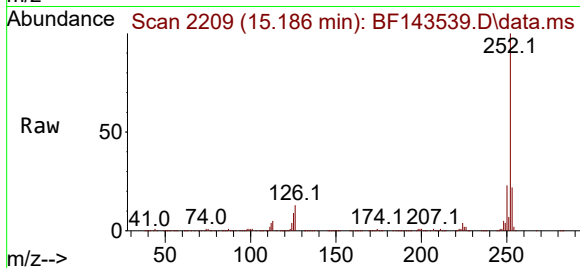
125 8.9 7.4 11.0



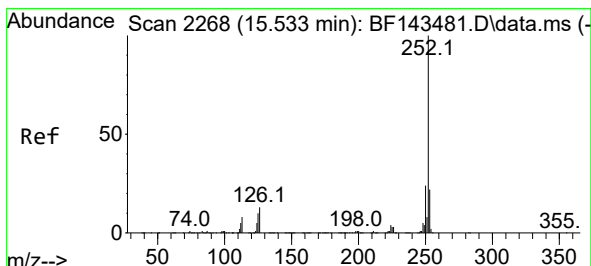
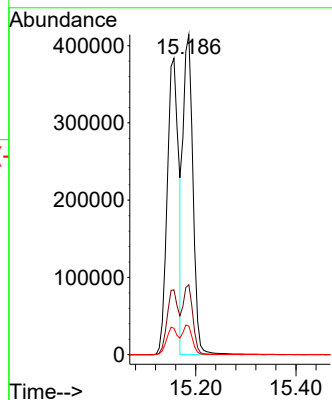
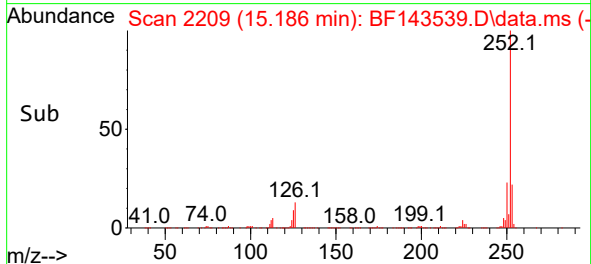


#89
Benzo(k)fluoranthene
Concen: 41.559 ng
RT: 15.186 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

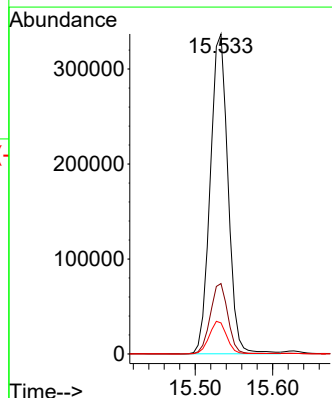
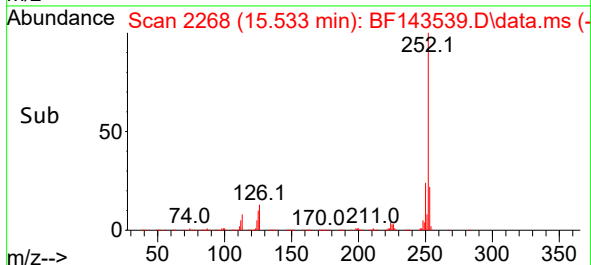
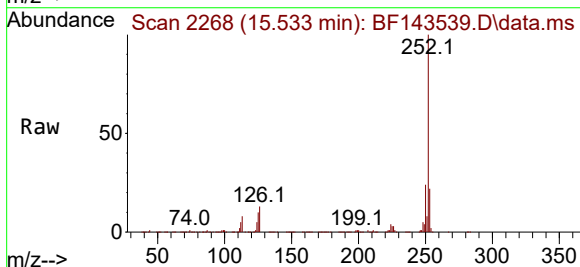


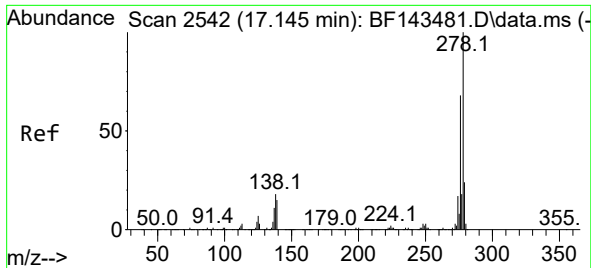
Tgt Ion:252 Resp: 567409
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 8.9 7.4 11.0



#90
Benzo(a)pyrene
Concen: 40.352 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

Tgt Ion:252 Resp: 534103
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 9.7 8.2 12.2

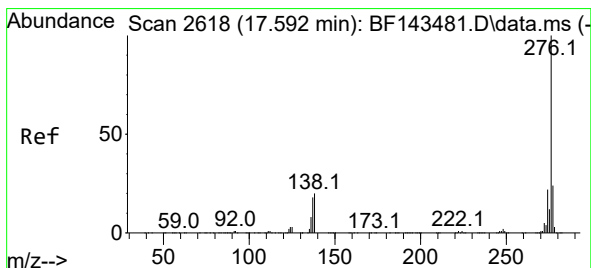
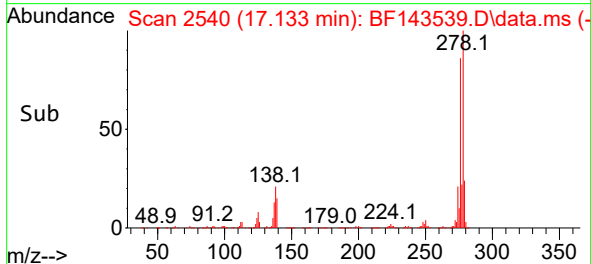
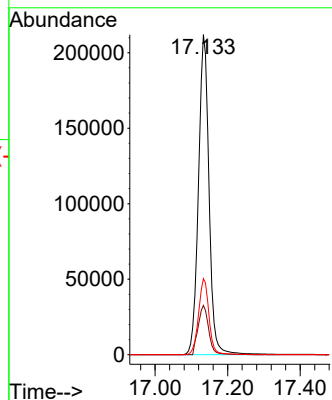
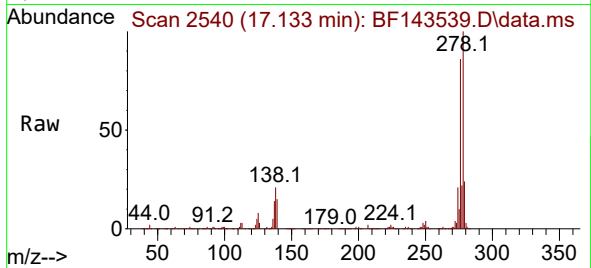




#91
Dibenzo(a,h)anthracene
Concen: 29.070 ng
RT: 17.133 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:278 Resp: 429182
Ion Ratio Lower Upper
278 100
139 15.4 12.1 18.1
279 23.8 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 25.578 ng
RT: 17.580 min Scan# 2616
Delta R.T. -0.023 min
Lab File: BF143539.D
Acq: 21 Aug 2025 19:32

Tgt Ion:276 Resp: 375504
Ion Ratio Lower Upper
276 100
277 23.4 18.9 28.3
138 20.9 16.3 24.5

