

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
 Data File : BF143563.D
 Acq On : 22 Aug 2025 10:29
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 22 11:28:01 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	94271	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	366222	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	205977	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	328132	20.000	ng	0.00
76) Chrysene-d12	14.098	240	185804	20.000	ng	0.00
86) Perylene-d12	15.598	264	191413	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	416847	77.212	ng	0.00
7) Phenol-d6	6.563	99	514976	77.272	ng	-0.01
23) Nitrobenzene-d5	7.487	82	488145	77.782	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	147027	76.683	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	941401	75.534	ng	0.00
79) Terphenyl-d14	13.033	244	863432	81.092	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	94915	37.951	ng	98
3) Pyridine	3.534	79	253206	38.012	ng	97
4) n-Nitrosodimethylamine	3.475	42	120370	40.197	ng	92
6) Aniline	6.587	93	344363	38.657	ng	# 80
8) 2-Chlorophenol	6.716	128	230051	38.580	ng	100
9) Benzaldehyde	6.475	77	188266	34.892	ng	95
10) Phenol	6.575	94	301394	39.257	ng	95
11) bis(2-Chloroethyl)ether	6.657	93	218065	38.008	ng	99
12) 1,3-Dichlorobenzene	6.869	146	255019	38.063	ng	98
13) 1,4-Dichlorobenzene	6.945	146	255674	38.042	ng	98
14) 1,2-Dichlorobenzene	7.098	146	244056	38.355	ng	99
15) Benzyl Alcohol	7.069	79	206675	41.421	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.192	45	332146	36.186	ng	80
17) 2-Methylphenol	7.181	107	184901	38.635	ng	98
18) Hexachloroethane	7.439	117	90143	39.449	ng	99
19) n-Nitroso-di-n-propyla...	7.334	70	161587	39.668	ng	97
20) 3+4-Methylphenols	7.334	107	231248	40.476	ng	96
22) Acetophenone	7.334	105	303462	38.355	ng	99
24) Nitrobenzene	7.510	77	255721	39.590	ng	99
25) Isophorone	7.745	82	448381	38.976	ng	99
26) 2-Nitrophenol	7.822	139	123968	39.181	ng	92
27) 2,4-Dimethylphenol	7.863	122	185671	37.645	ng	96
28) bis(2-Chloroethoxy)met...	7.951	93	266138	37.644	ng	99
29) 2,4-Dichlorophenol	8.069	162	203653	38.661	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	204483	37.756	ng	100
31) Naphthalene	8.234	128	658826	37.471	ng	100
32) Benzoic acid	7.975	122	95923	35.831	ng	95
33) 4-Chloroaniline	8.275	127	238101	38.155	ng	97
34) Hexachlorobutadiene	8.351	225	136132	38.527	ng	99
35) Caprolactam	8.645	113	57464	45.461	ng	93
36) 4-Chloro-3-methylphenol	8.763	107	213663	40.475	ng	97
37) 2-Methylnaphthalene	8.922	142	447078	38.072	ng	100
38) 1-Methylnaphthalene	9.022	142	428730	38.168	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	217263	36.876	ng	99
41) Hexachlorocyclopentadiene	9.081	237	79483	38.369	ng	98
43) 2,4,6-Trichlorophenol	9.204	196	138377	38.169	ng	99

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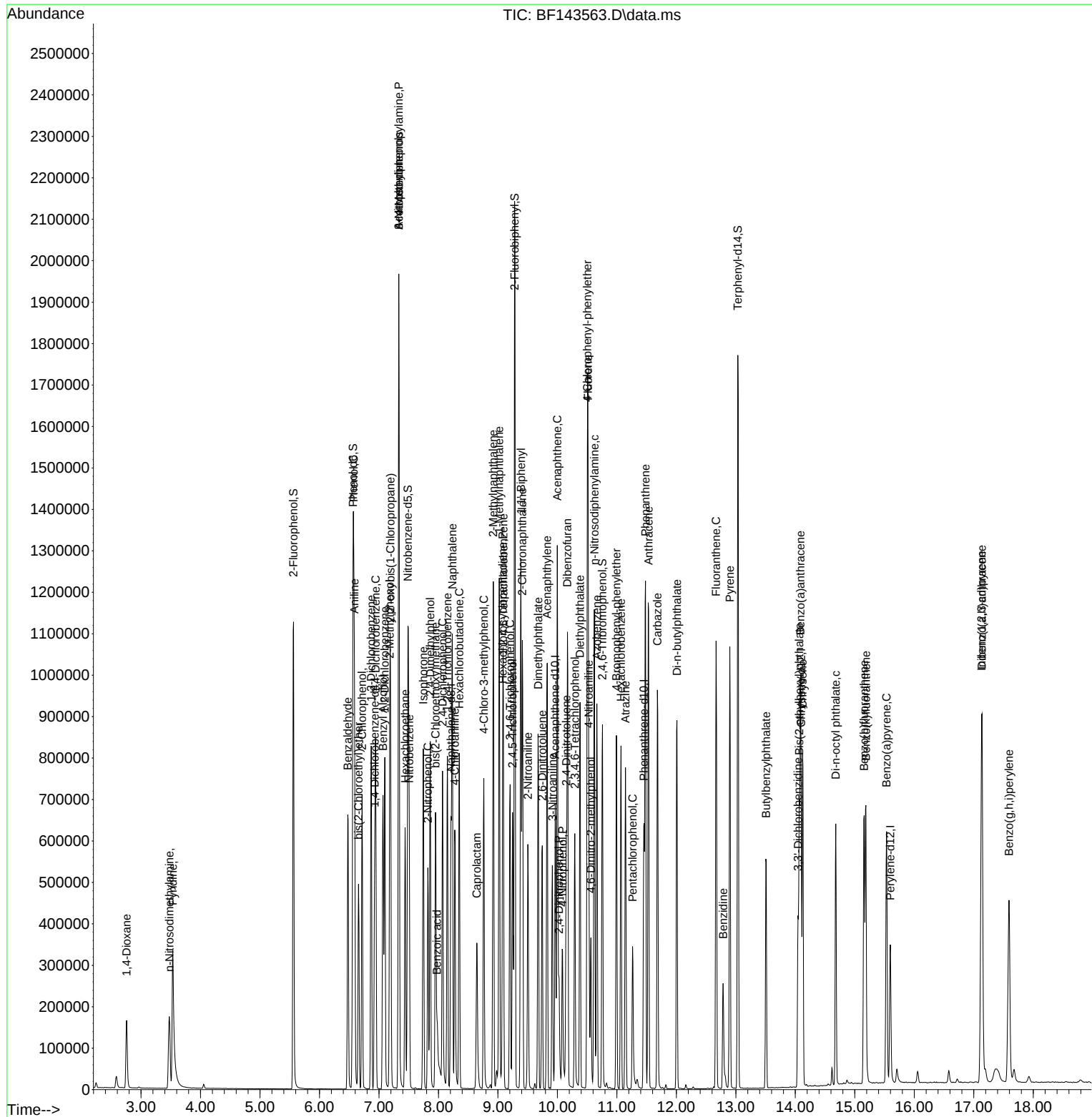
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	146223	36.925	ng	98
46) 1,1'-Biphenyl	9.386	154	543545	37.179	ng	99
47) 2-Chloronaphthalene	9.410	162	425481	37.092	ng	98
48) 2-Nitroaniline	9.504	65	135986	40.507	ng	98
49) Acenaphthylene	9.828	152	612267	37.277	ng	99
50) Dimethylphthalate	9.675	163	492649	39.712	ng	100
51) 2,6-Dinitrotoluene	9.745	165	102662	39.929	ng	98
52) Acenaphthene	9.998	154	427707	38.353	ng	100
53) 3-Nitroaniline	9.916	138	109859	39.543	ng	97
54) 2,4-Dinitrophenol	10.028	184	53467	41.606	ng	96
55) Dibenzofuran	10.169	168	593154	37.307	ng	96
56) 4-Nitrophenol	10.086	139	79634	48.174	ng	94
57) 2,4-Dinitrotoluene	10.151	165	139305	40.578	ng	96
58) Fluorene	10.516	166	462243	37.774	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.292	232	113060	38.429	ng	96
60) Diethylphthalate	10.380	149	465237	41.829	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	231588	37.842	ng	98
62) 4-Nitroaniline	10.528	138	108691	42.593	ng	92
63) Azobenzene	10.663	77	451563	39.156	ng	98
65) 4,6-Dinitro-2-methylph...	10.563	198	66697	36.050	ng	97
66) n-Nitrosodiphenylamine	10.622	169	393386	37.253	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	145663	37.205	ng	95
68) Hexachlorobenzene	11.069	284	156562	37.098	ng	99
69) Atrazine	11.145	200	130358	47.822	ng	96
70) Pentachlorophenol	11.263	266	70755	36.608	ng	98
71) Phenanthrene	11.480	178	653441	37.187	ng	100
72) Anthracene	11.533	178	670563	37.669	ng	99
73) Carbazole	11.680	167	567589	38.913	ng	99
74) Di-n-butylphthalate	12.010	149	633595	46.563	ng	99
75) Fluoranthene	12.669	202	605635	38.411	ng	99
77) Benzidine	12.786	184	159223	35.180	ng	100
78) Pyrene	12.898	202	603623	39.494	ng	100
80) Butylbenzylphthalate	13.510	149	181377	43.441	ng	99
81) Benzo(a)anthracene	14.086	228	439838	36.769	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	124374	36.306	ng	98
83) Chrysene	14.121	228	415462	38.647	ng	100
84) Bis(2-ethylhexyl)phtha...	14.068	149	229295	36.057	ng	100
85) Di-n-octyl phthalate	14.680	149	414295	35.168	ng	99
87) Indeno(1,2,3-cd)pyrene	17.133	276	532381	38.705	ng	99
88) Benzo(b)fluoranthene	15.157	252	412810	38.798	ng	99
89) Benzo(k)fluoranthene	15.186	252	392026	38.482	ng	99
90) Benzo(a)pyrene	15.533	252	382712	38.751	ng	99
91) Dibenzo(a,h)anthracene	17.139	278	429077	38.950	ng	99
92) Benzo(g,h,i)perylene	17.592	276	422396	38.561	ng	99

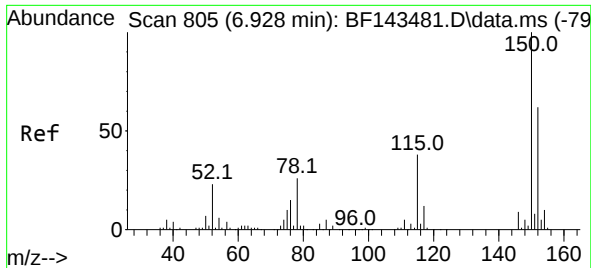
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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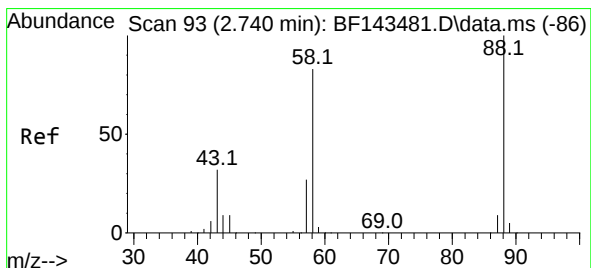
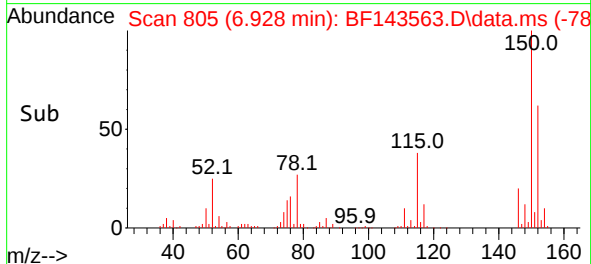
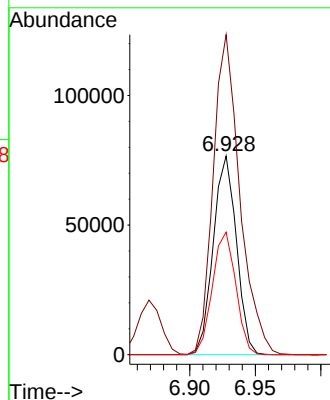
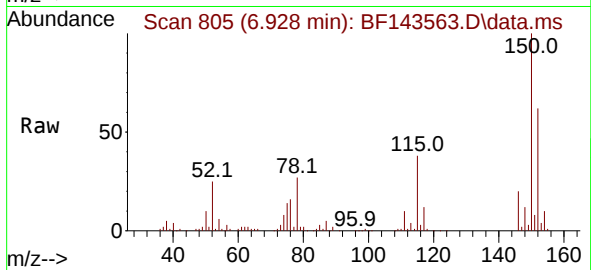




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF143563.D
 Acq: 22 Aug 2025 10:29

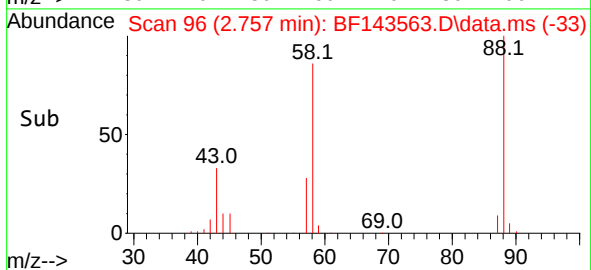
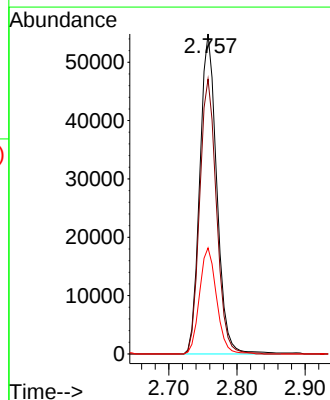
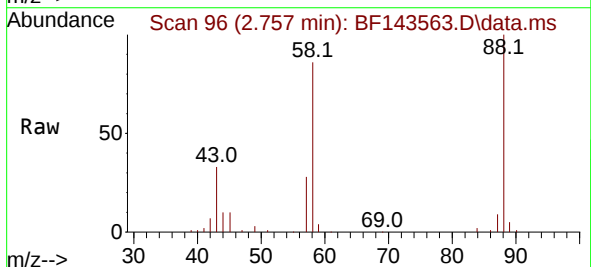
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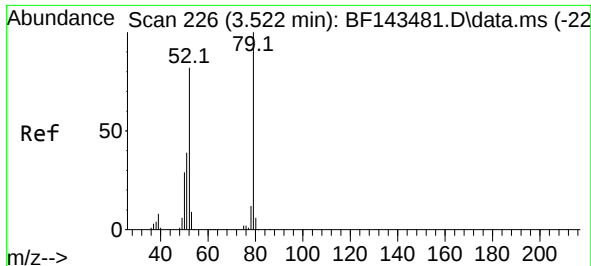
Tgt Ion:152 Resp: 94271
 Ion Ratio Lower Upper
 152 100
 150 161.1 128.9 193.3
 115 61.7 49.2 73.8



#2
 1,4-Dioxane
 Concen: 37.951 ng
 RT: 2.757 min Scan# 96
 Delta R.T. 0.023 min
 Lab File: BF143563.D
 Acq: 22 Aug 2025 10:29

Tgt Ion: 88 Resp: 94915
 Ion Ratio Lower Upper
 88 100
 58 84.9 66.7 100.1
 43 33.3 25.8 38.8



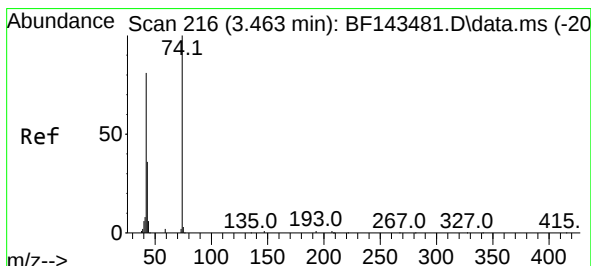
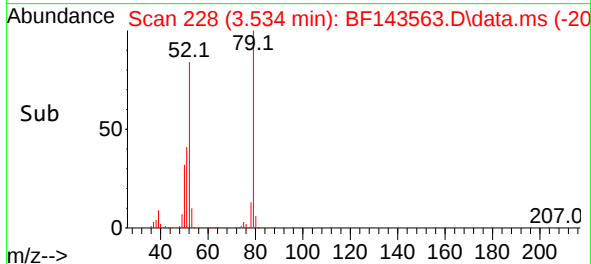
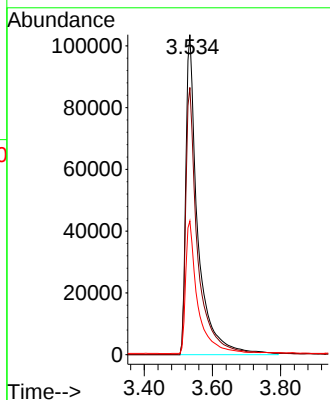
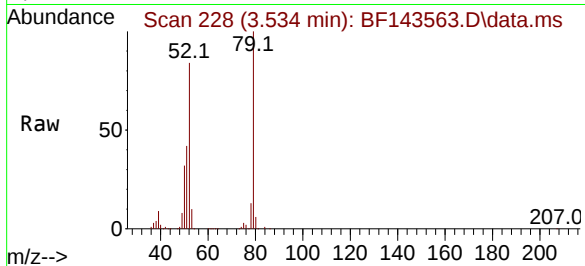


#3
 Pyridine
 Concen: 38.012 ng
 RT: 3.534 min Scan# 218
 Delta R.T. 0.018 min
 Lab File: BF143563.D
 Acq: 22 Aug 2025 10:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 79 Resp: 253206

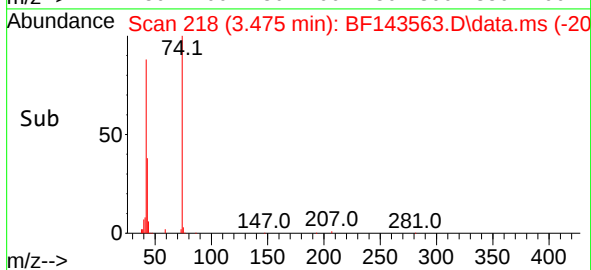
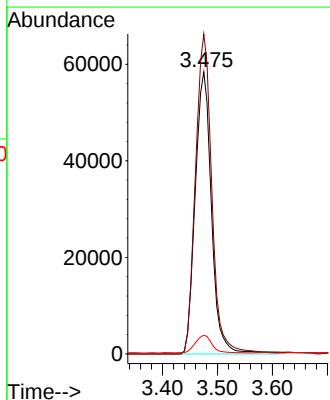
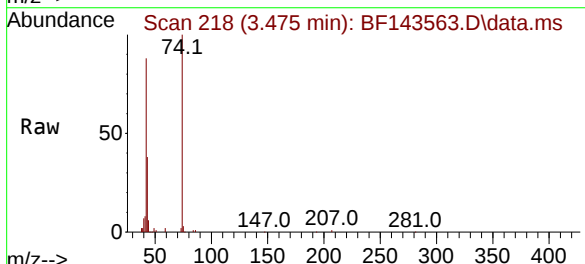
Ion	Ratio	Lower	Upper
79	100		
52	83.5	65.6	98.4
51	41.8	31.2	46.8

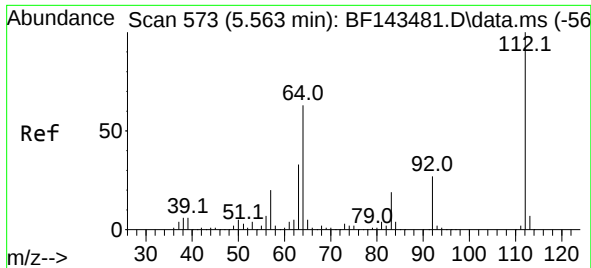


#4
 n-Nitrosodimethylamine
 Concen: 40.197 ng
 RT: 3.475 min Scan# 218
 Delta R.T. -0.000 min
 Lab File: BF143563.D
 Acq: 22 Aug 2025 10:29

Tgt Ion: 42 Resp: 120370

Ion	Ratio	Lower	Upper
42	100		
74	113.4	98.6	148.0
44	6.7	5.8	8.8

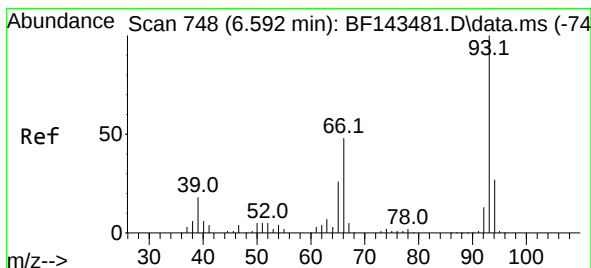
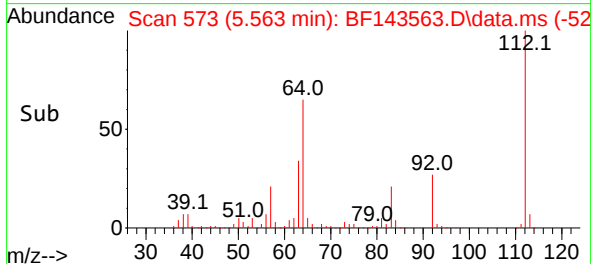
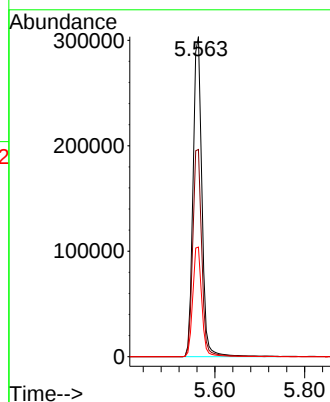
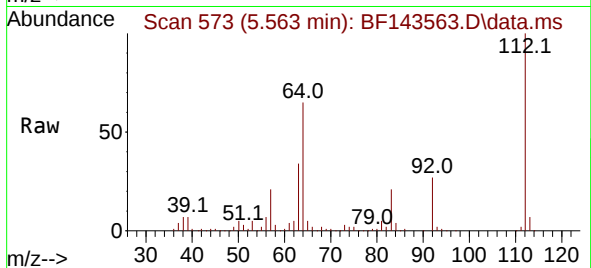




#5
2-Fluorophenol
Concen: 77.212 ng
RT: 5.563 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

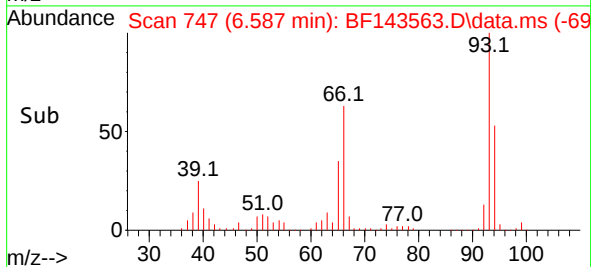
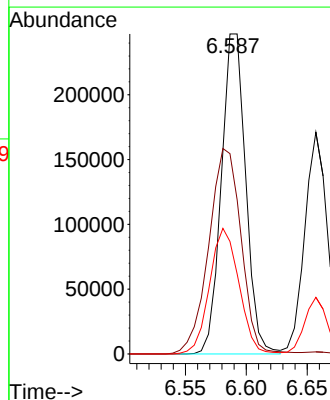
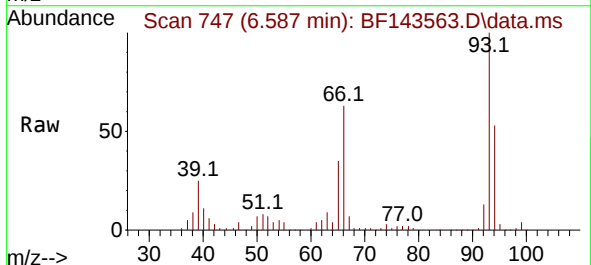
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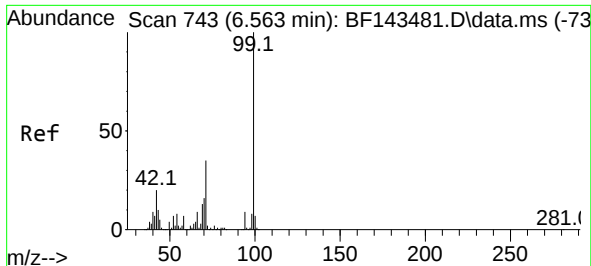
Tgt Ion:112 Resp: 416847
Ion Ratio Lower Upper
112 100
64 64.8 50.4 75.6
63 34.2 26.4 39.6



#6
Aniline
Concen: 38.657 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143563.D
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Tgt Ion: 93 Resp: 344363
Ion Ratio Lower Upper
93 100
66 62.6 38.9 58.3#
65 35.2 20.6 30.8#

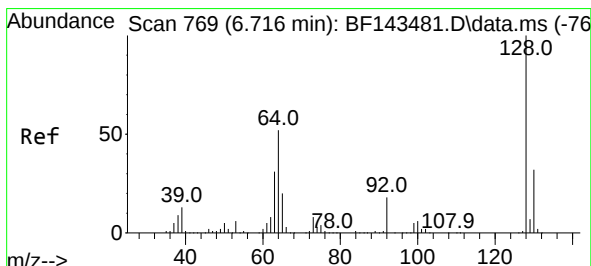
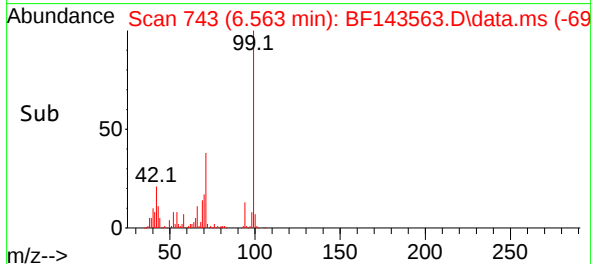
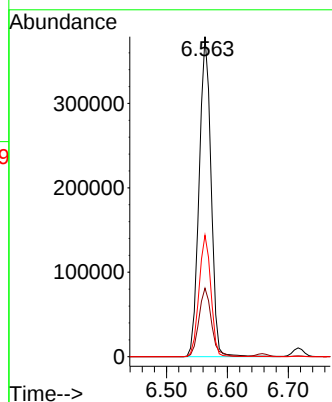
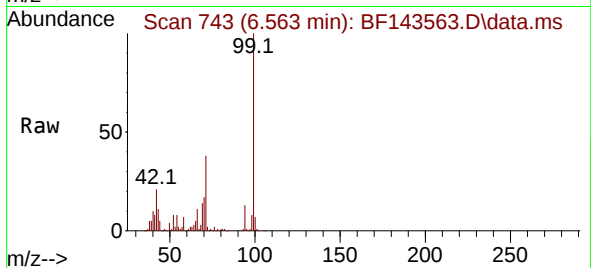




#7
Phenol-d6
Concen: 77.272 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF143563.D
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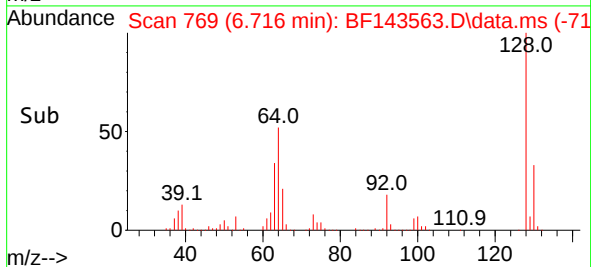
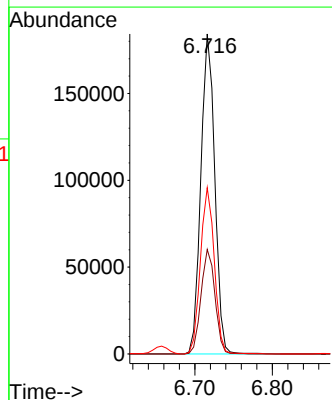
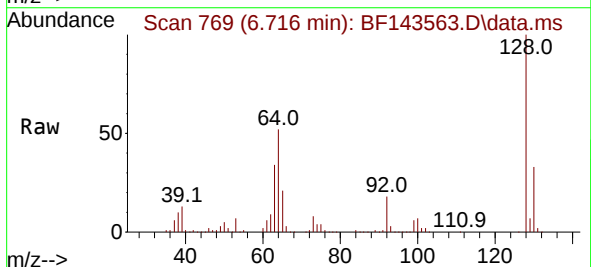
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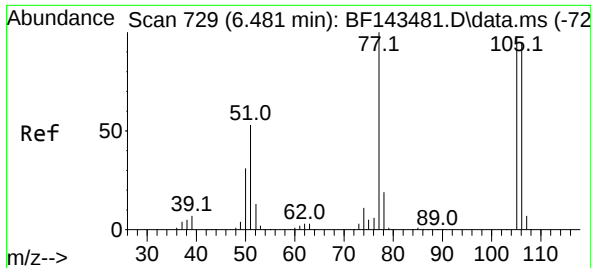
Tgt Ion: 99 Resp: 514976
Ion Ratio Lower Upper
99 100
42 21.4 16.3 24.5
71 38.0 28.2 42.2



#8
2-Chlorophenol
Concen: 38.580 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion: 128 Resp: 230051
Ion Ratio Lower Upper
128 100
130 32.7 12.4 52.4
64 51.9 31.6 71.6

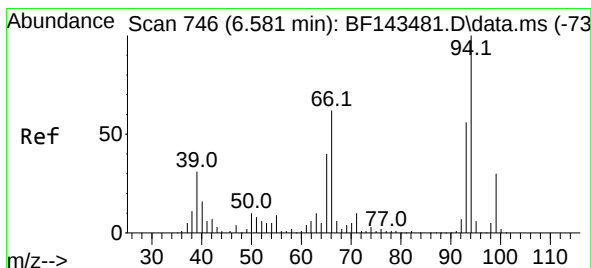
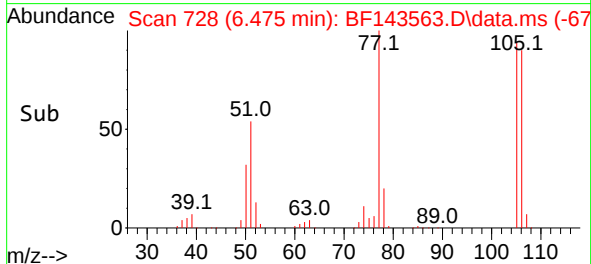
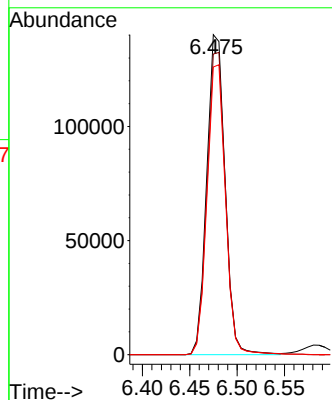
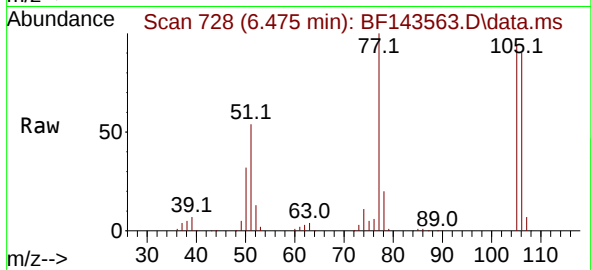




#9
Benzaldehyde
Concen: 34.892 ng
RT: 6.475 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143563.D
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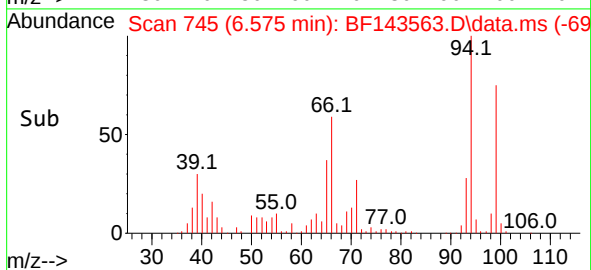
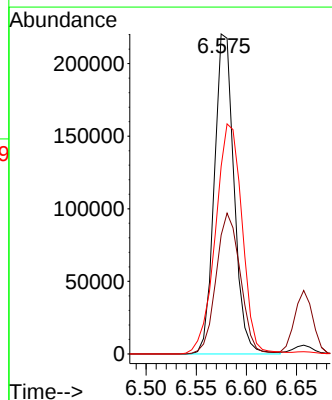
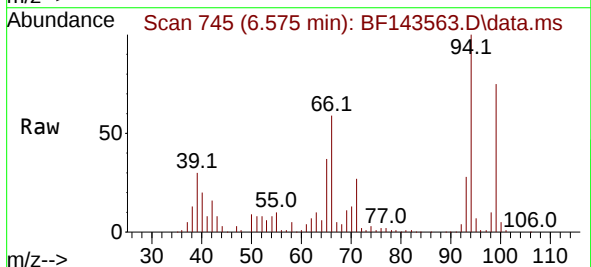
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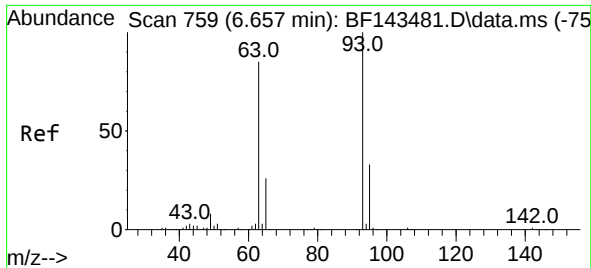
Tgt Ion: 77 Resp: 188266
Ion Ratio Lower Upper
77 100
105 93.9 78.1 118.1
106 89.9 74.9 114.9



#10
Phenol
Concen: 39.257 ng
RT: 6.575 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion: 94 Resp: 301394
Ion Ratio Lower Upper
94 100
65 37.1 19.5 59.5
66 58.6 42.5 82.5

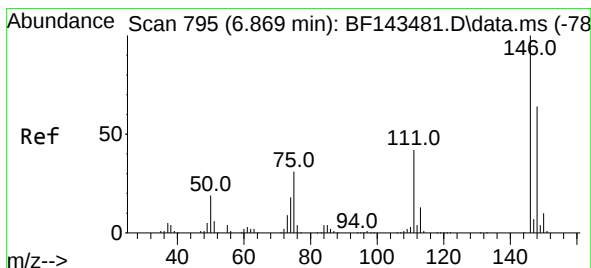
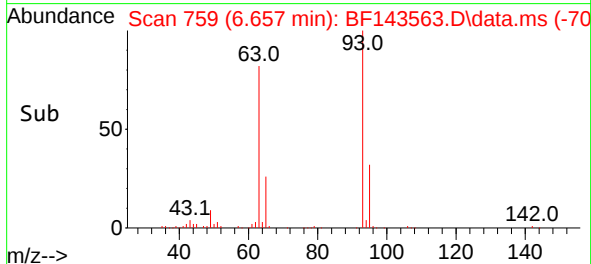
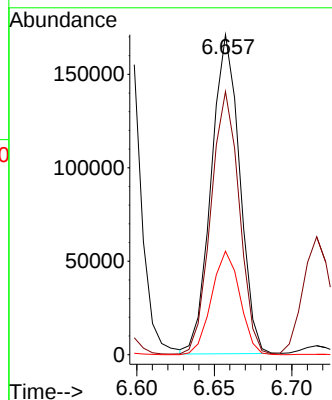
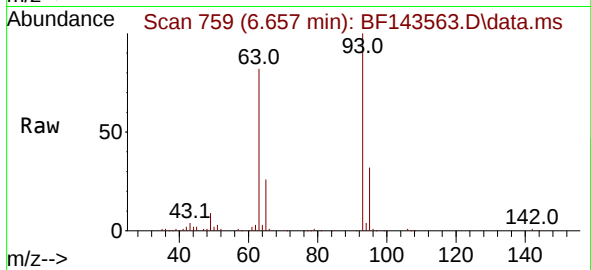




#11
bis(2-Chloroethyl)ether
Concen: 38.008 ng
RT: 6.657 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

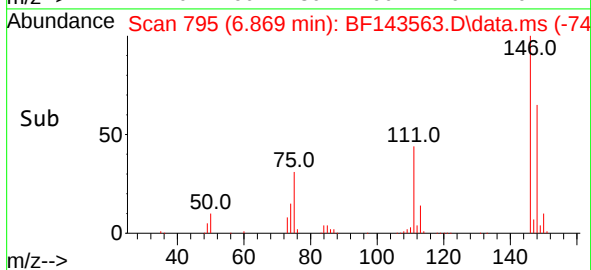
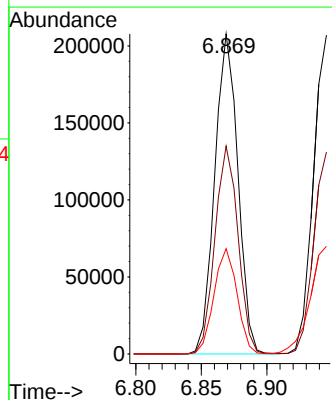
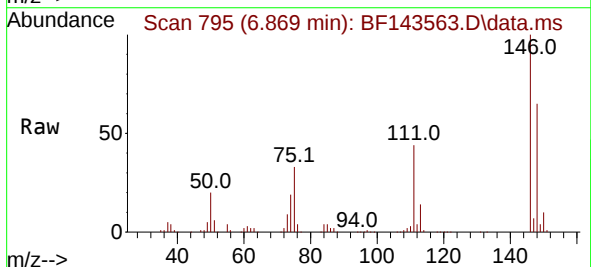
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

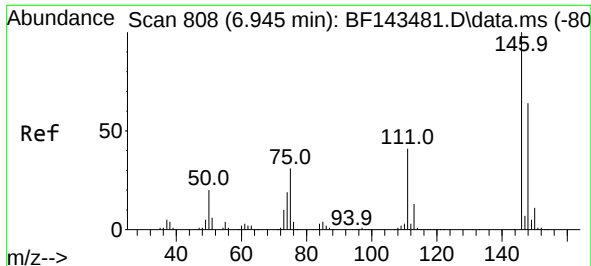
Tgt Ion: 93 Resp: 218065
Ion Ratio Lower Upper
93 100
63 82.2 63.6 103.6
95 32.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 38.063 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:146 Resp: 255019
Ion Ratio Lower Upper
146 100
148 64.9 51.3 76.9
75 32.9 24.7 37.1





#13

1,4-Dichlorobenzene

Concen: 38.042 ng

RT: 6.945 min Scan# 808

Delta R.T. -0.000 min

Lab File: BF143563.D

Acq: 22 Aug 2025 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

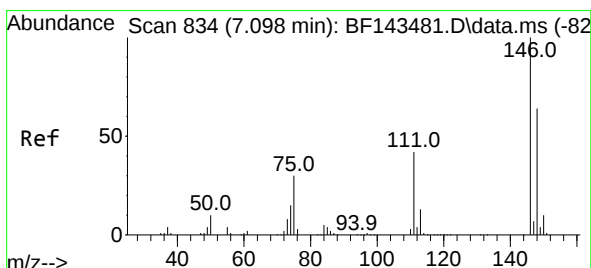
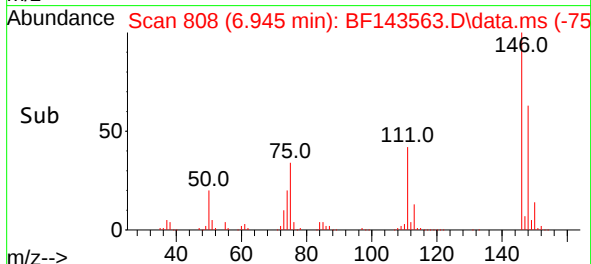
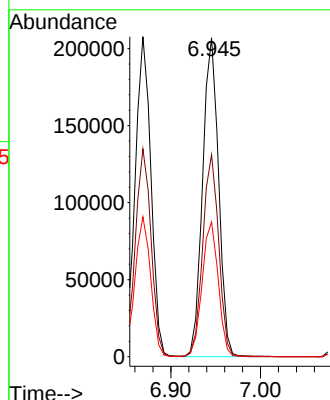
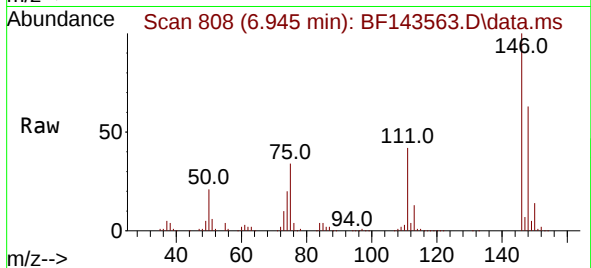
Tgt Ion:146 Resp: 255674

Ion Ratio Lower Upper

146 100

148 63.4 51.5 77.3

111 42.3 32.6 49.0



#14

1,2-Dichlorobenzene

Concen: 38.355 ng

RT: 7.098 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF143563.D

Acq: 22 Aug 2025 10:29

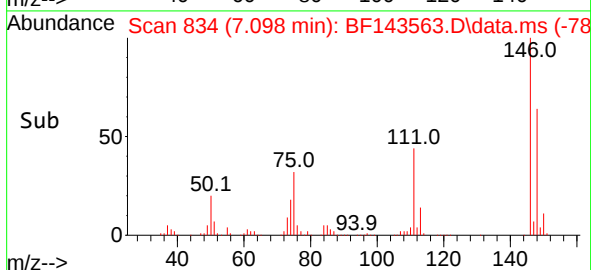
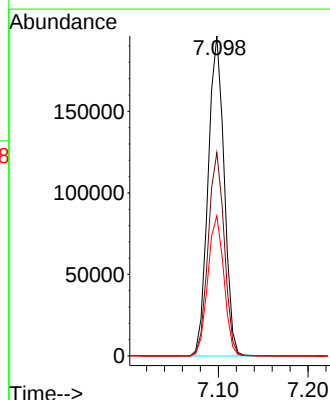
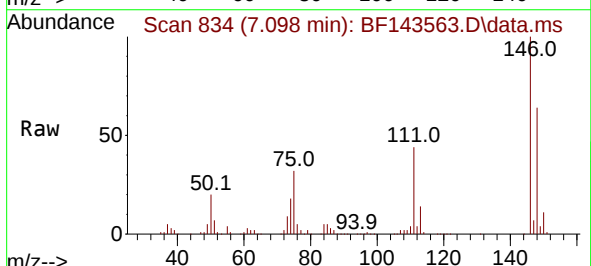
Tgt Ion:146 Resp: 244056

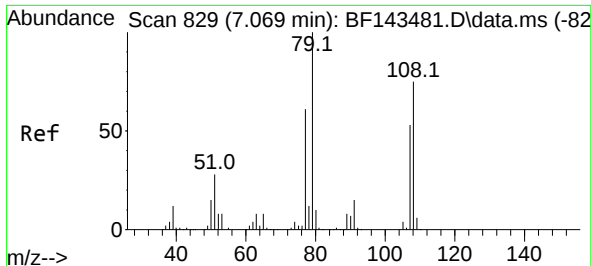
Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.6

111 43.8 34.0 51.0

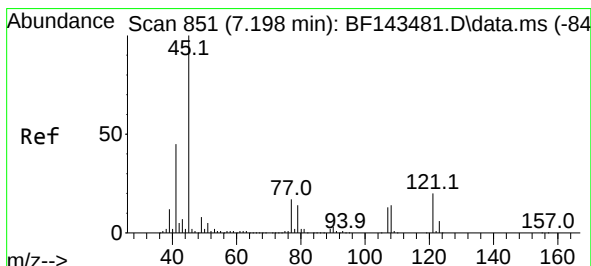
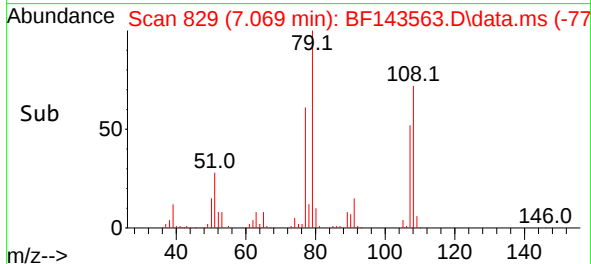
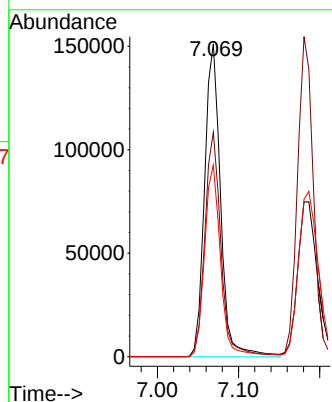
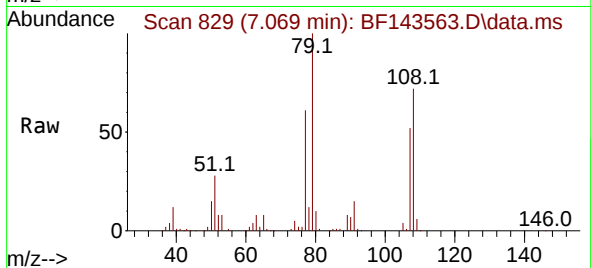




#15
Benzyl Alcohol
Concen: 41.421 ng
RT: 7.069 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

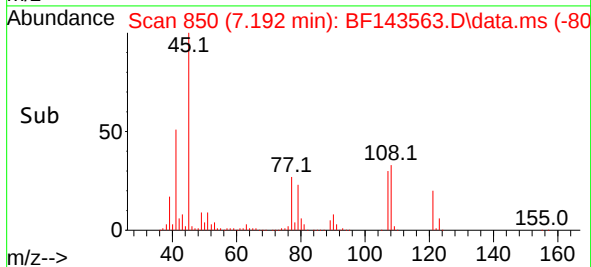
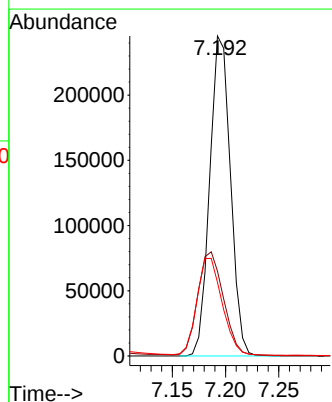
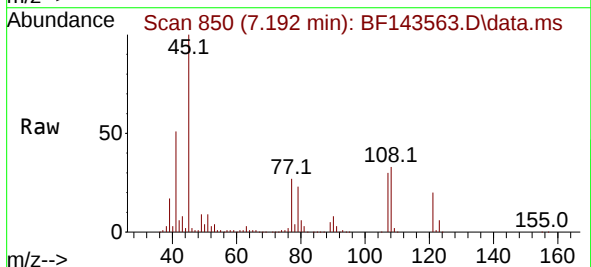
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

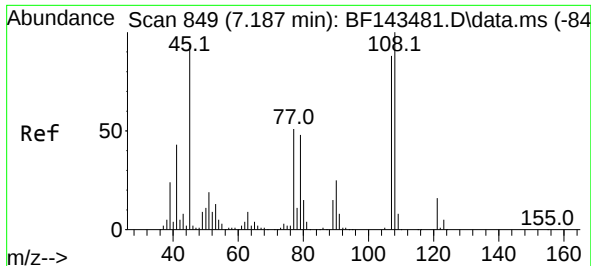
Tgt Ion: 79 Resp: 206675
Ion Ratio Lower Upper
79 100
108 71.8 59.8 89.6
77 61.3 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.186 ng
RT: 7.192 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion: 45 Resp: 332146
Ion Ratio Lower Upper
45 100
77 26.5 0.0 37.9
79 23.0 0.0 34.7

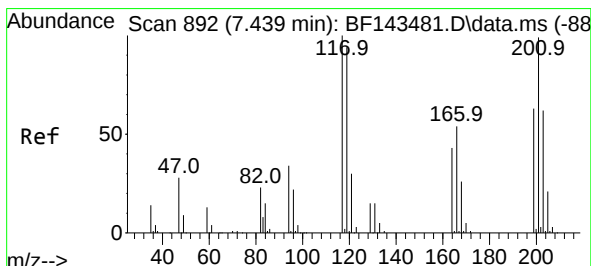
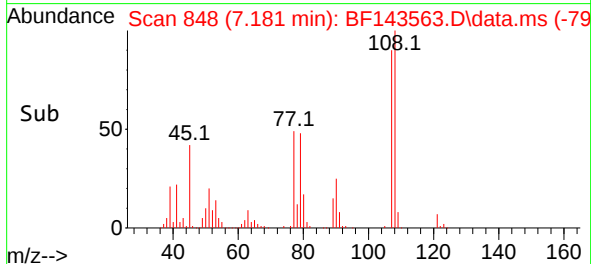
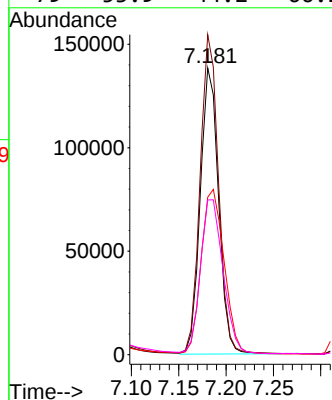
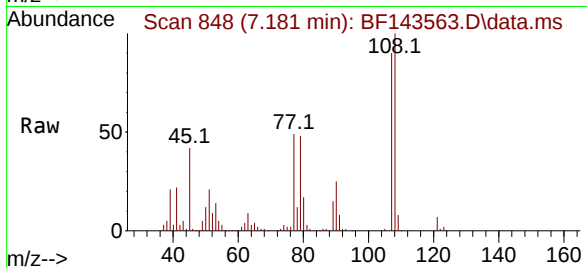




#17
2-Methylphenol
Concen: 38.635 ng
RT: 7.181 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

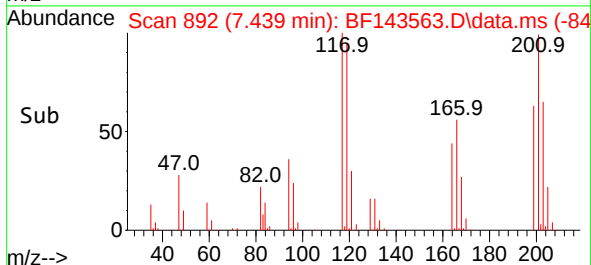
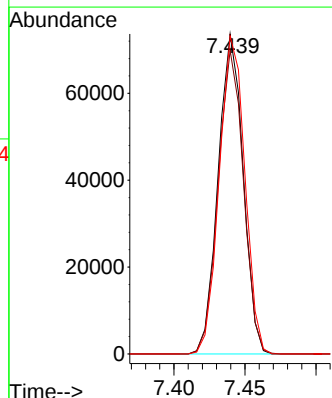
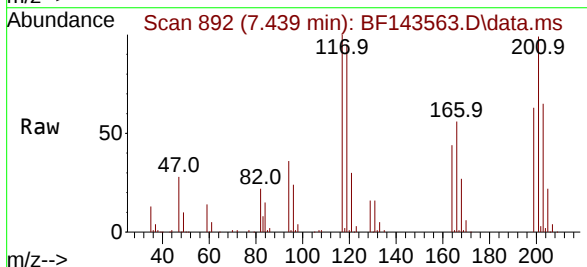
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

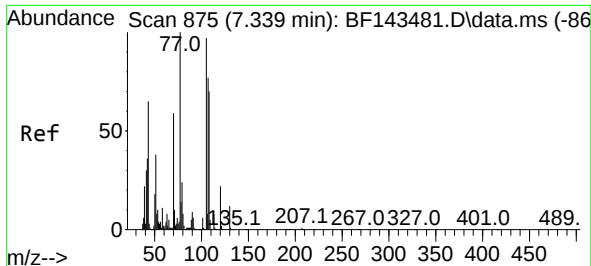
Tgt Ion:	107	Resp:	184901
Ion	Ratio	Lower	Upper
107	100		
108	111.6	91.1	136.7
77	54.9	46.2	69.4
79	53.9	44.2	66.2



#18
Hexachloroethane
Concen: 39.449 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:	117	Resp:	90143
Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.4	113.0
201	99.4	79.0	118.4



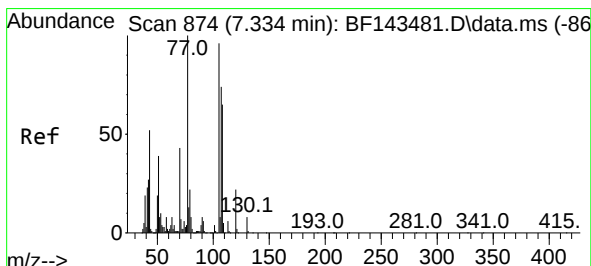
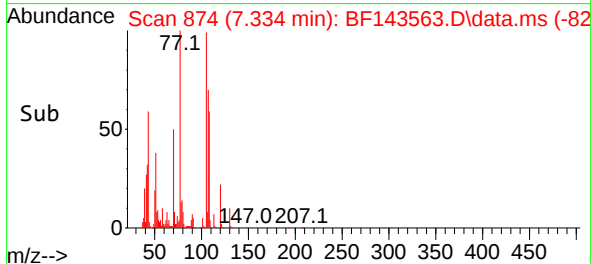
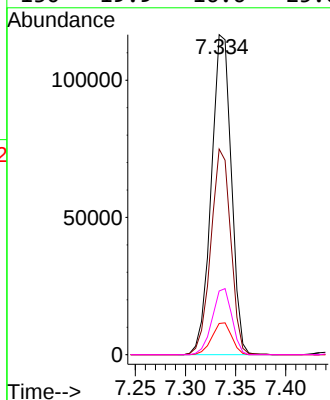
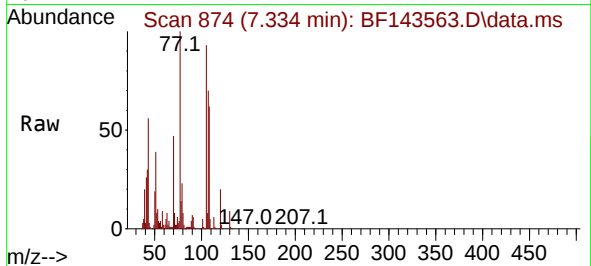


#19
n-Nitroso-di-n-propylamine
Concen: 39.668 ng
RT: 7.334 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 161587

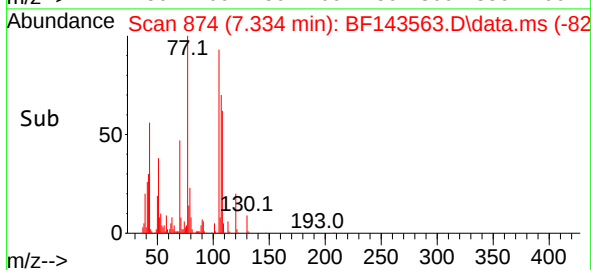
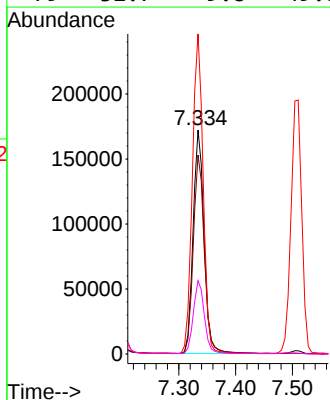
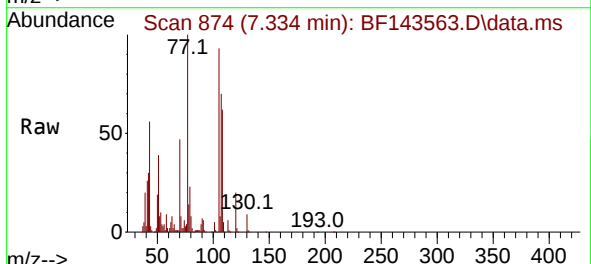
Ion	Ratio	Lower	Upper
70	100		
42	64.2	49.3	73.9
101	9.8	7.8	11.8
130	19.9	16.6	25.0

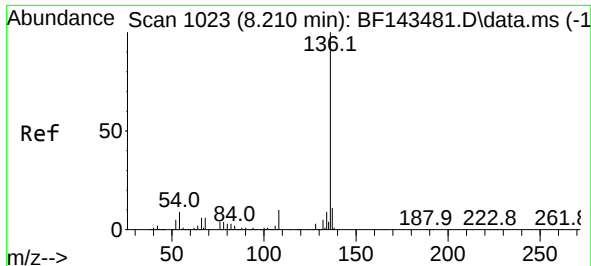


#20
3+4-Methylphenols
Concen: 40.476 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion: 107 Resp: 231248

Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.4	108.4
77	142.9	116.1	156.1
79	32.7	9.8	49.8

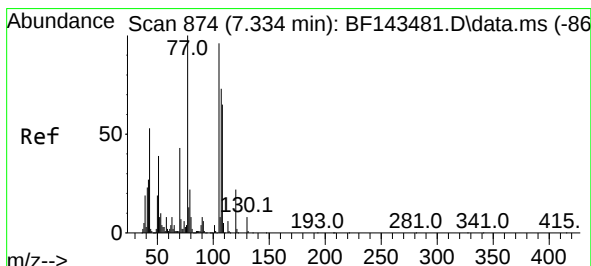
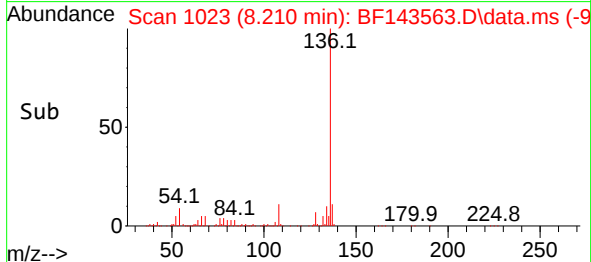
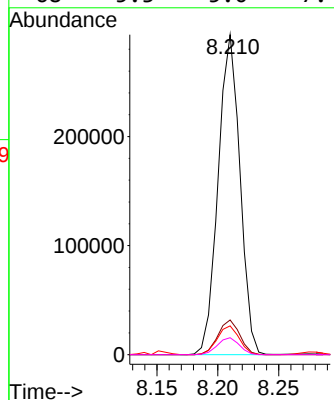
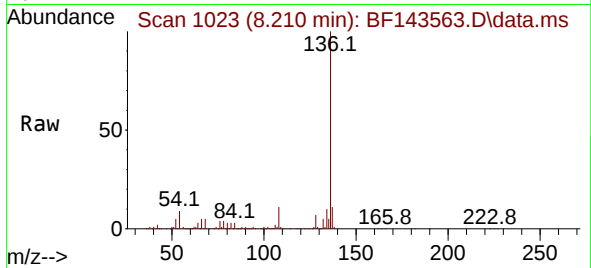




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

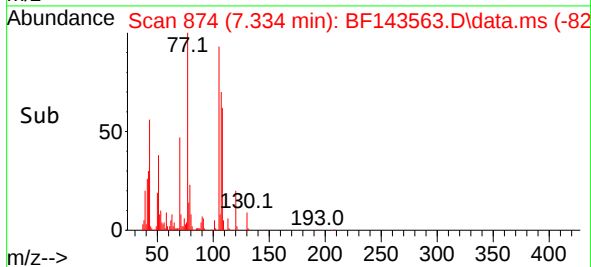
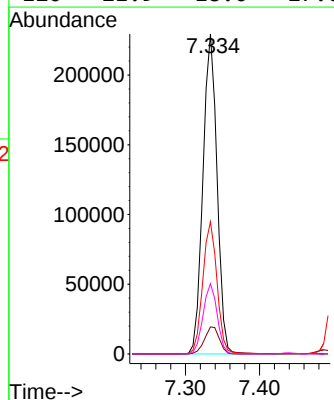
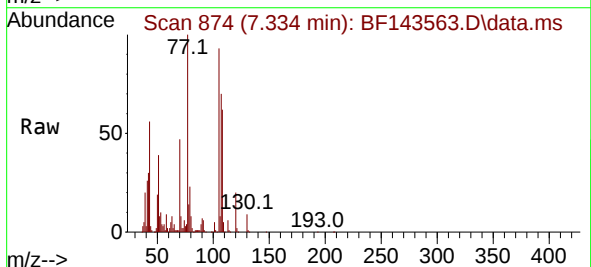
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

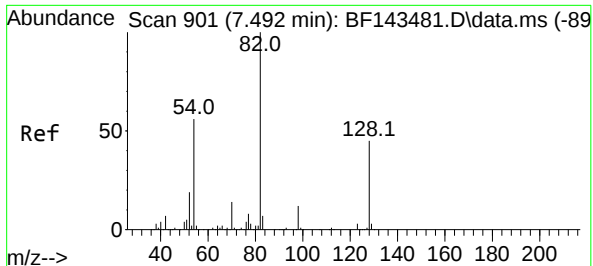
Tgt Ion:136	Resp: 366222
Ion Ratio	Lower Upper
136 100	
137 10.8	9.0 13.4
54 9.0	7.4 11.2
68 5.3	5.0 7.4



#22
Acetophenone
Concen: 38.355 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt	Ion:105	Resp:	303462
Ion	Ratio	Lower	Upper
105	100		
71	8.5	5.9	8.9
51	41.3	32.5	48.7
120	21.9	18.0	27.0





#23

Nitrobenzene-d5

Concen: 77.782 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF143563.D

Acq: 22 Aug 2025 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

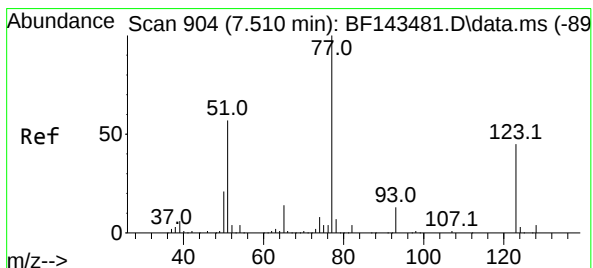
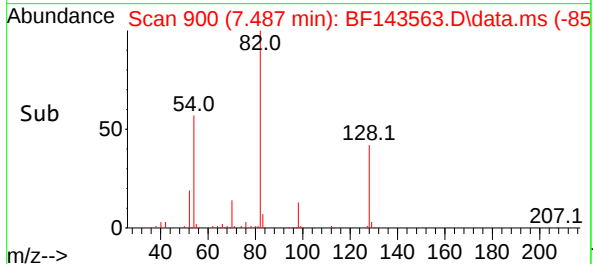
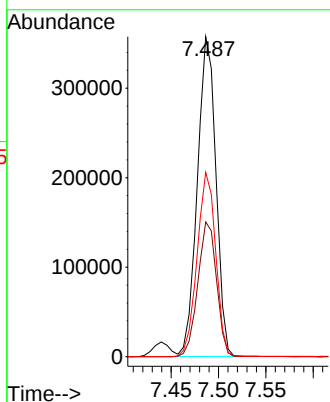
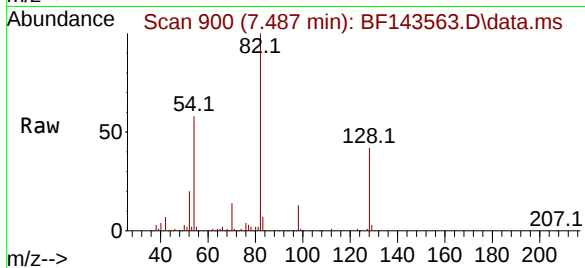
Tgt Ion: 82 Resp: 488145

Ion Ratio Lower Upper

82 100

128 42.1 35.5 53.3

54 57.6 44.3 66.5



#24

Nitrobenzene

Concen: 39.590 ng

RT: 7.510 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF143563.D

Acq: 22 Aug 2025 10:29

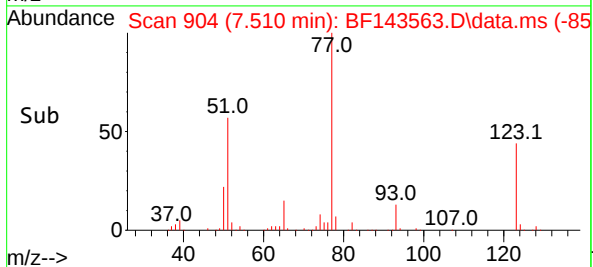
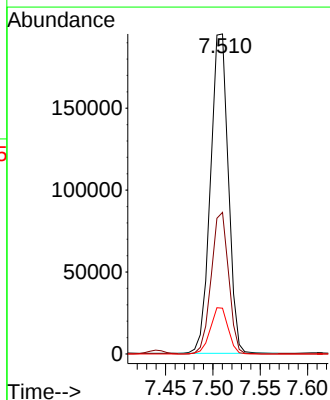
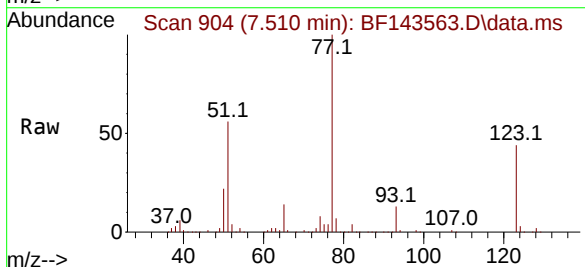
Tgt Ion: 77 Resp: 255721

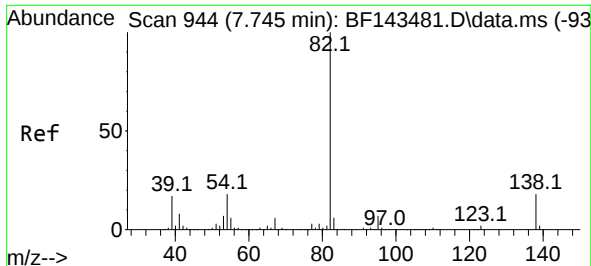
Ion Ratio Lower Upper

77 100

123 44.3 36.1 54.1

65 14.3 11.0 16.6

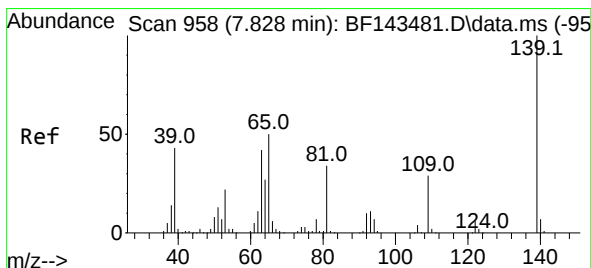
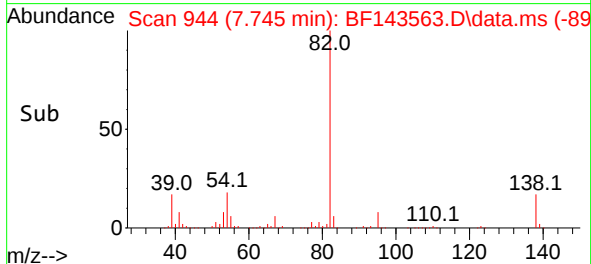
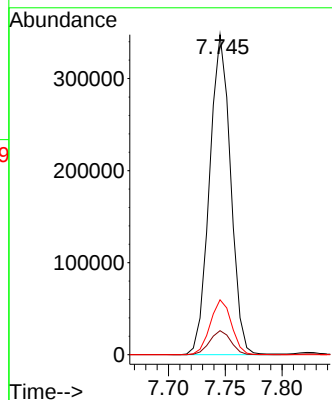
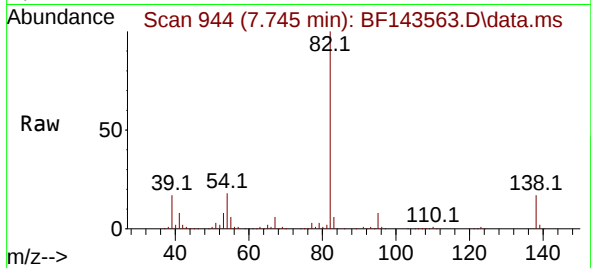




#25
Isophorone
Concen: 38.976 ng
RT: 7.745 min Scan# 944
Delta R.T. -0.012 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

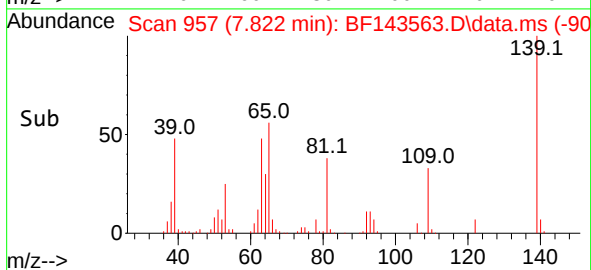
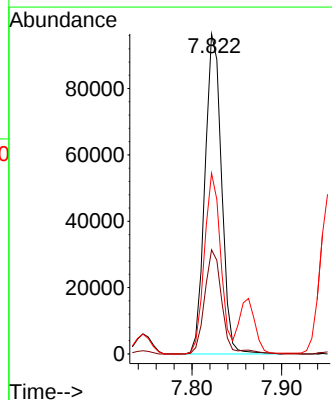
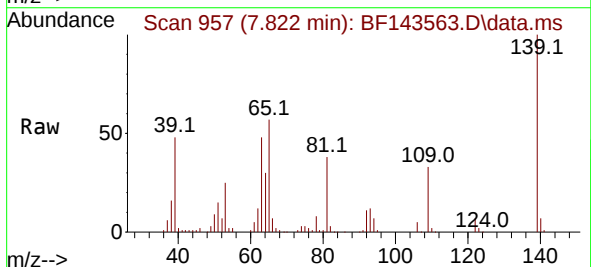
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

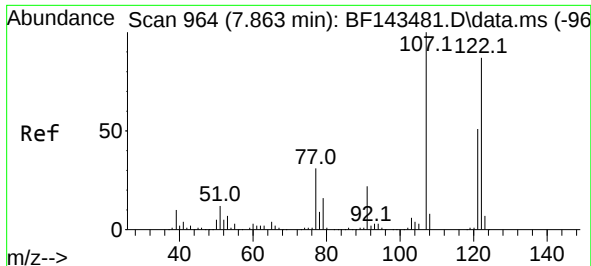
Tgt Ion: 82 Resp: 448381
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.8
138 17.2 14.2 21.4



#26
2-Nitrophenol
Concen: 39.181 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:139 Resp: 123968
Ion Ratio Lower Upper
139 100
109 32.6 23.0 34.6
65 56.5 40.3 60.5

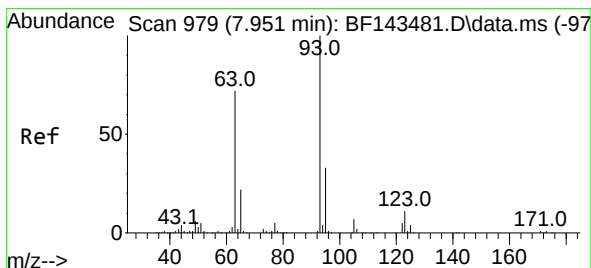
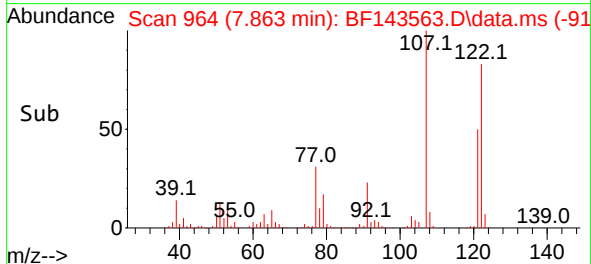
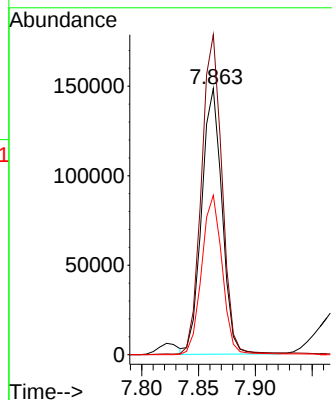
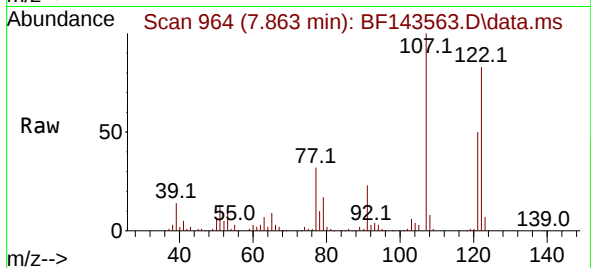




#27
2,4-Dimethylphenol
Concen: 37.645 ng
RT: 7.863 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

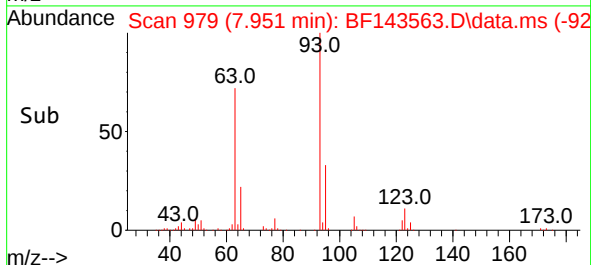
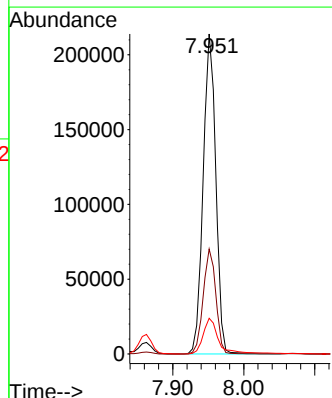
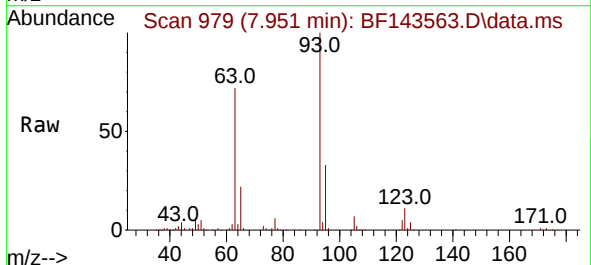
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

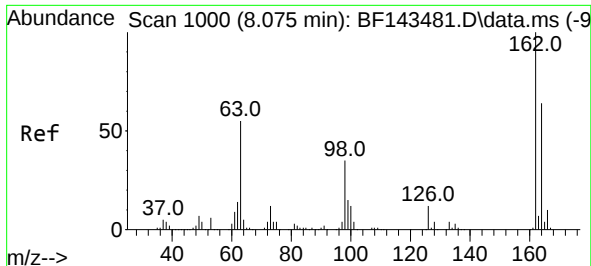
Tgt Ion:122 Resp: 185671
Ion Ratio Lower Upper
122 100
107 120.2 91.5 137.3
121 59.9 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 37.644 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion: 93 Resp: 266138
Ion Ratio Lower Upper
93 100
95 32.8 26.0 39.0
123 11.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 38.661 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF143563.D

Acq: 22 Aug 2025 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

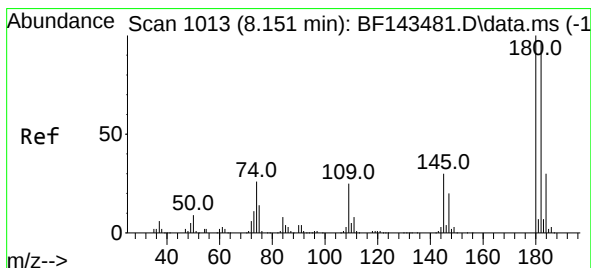
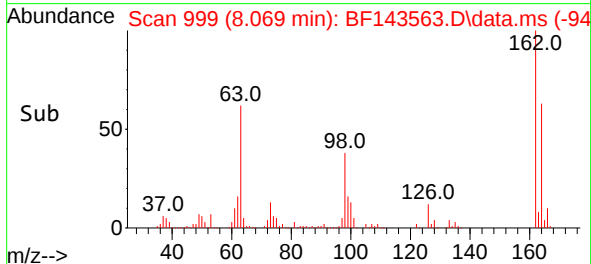
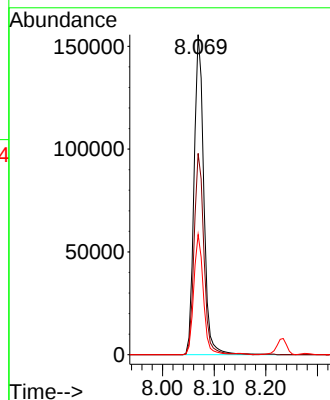
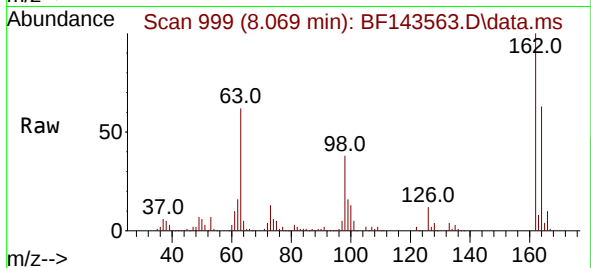
Tgt Ion:162 Resp: 203653

Ion Ratio Lower Upper

162 100

164 62.9 43.5 83.5

98 37.6 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 37.756 ng

RT: 8.151 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF143563.D

Acq: 22 Aug 2025 10:29

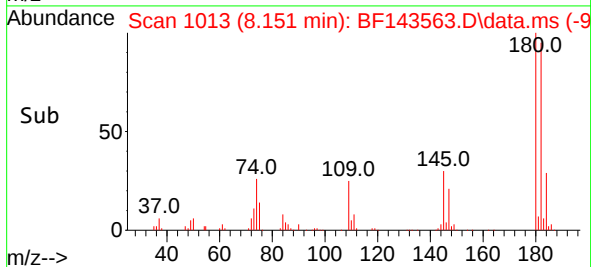
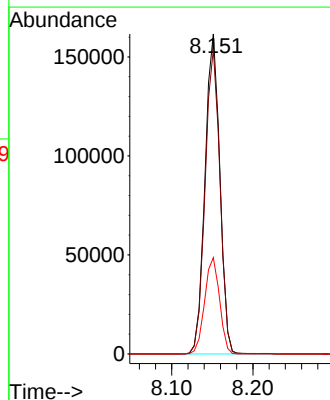
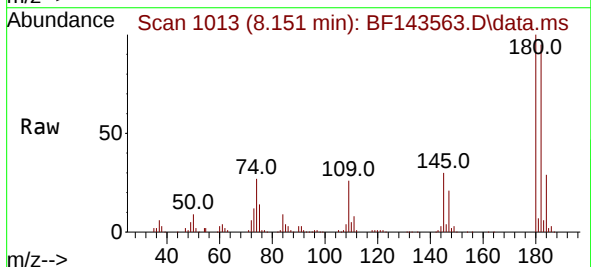
Tgt Ion:180 Resp: 204483

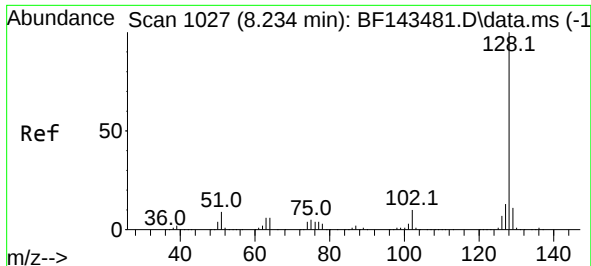
Ion Ratio Lower Upper

180 100

182 95.2 76.6 114.8

145 30.1 24.3 36.5

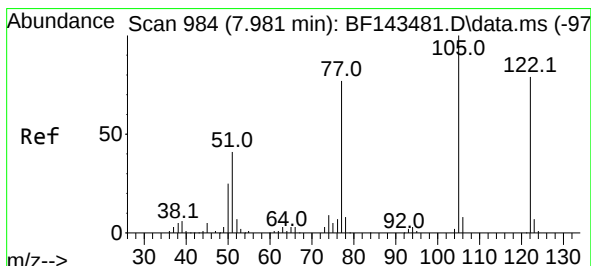
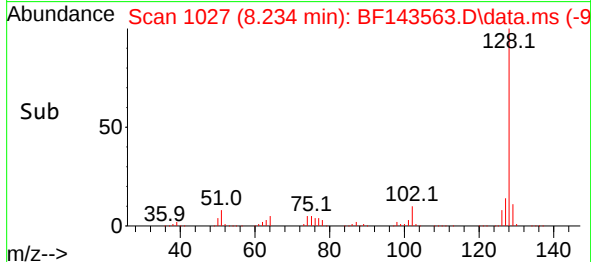
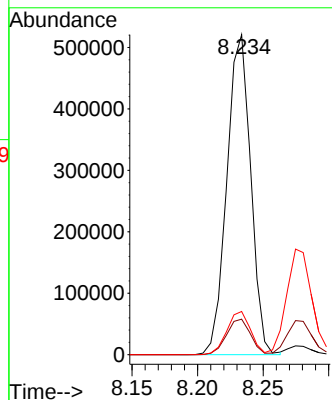
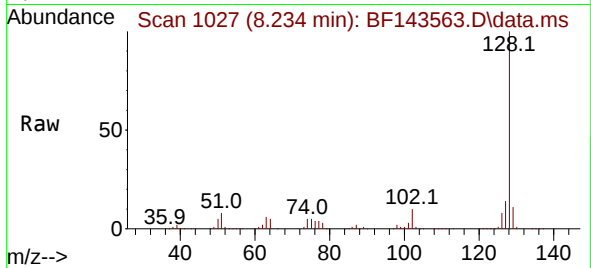




#31
Naphthalene
Concen: 37.471 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

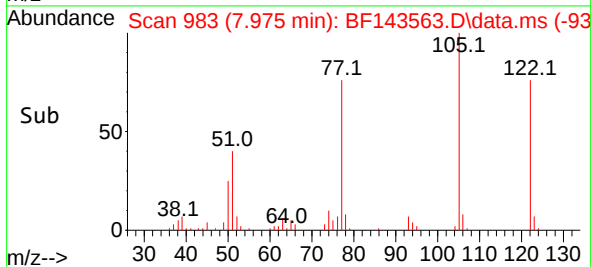
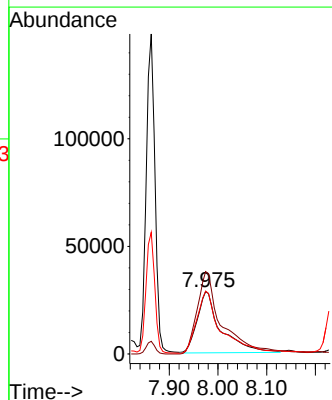
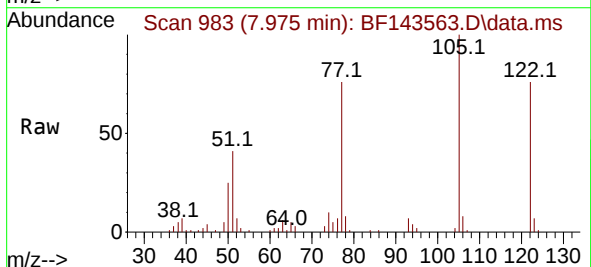
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

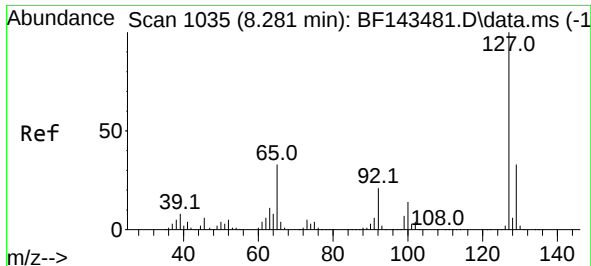
Tgt Ion:128 Resp: 658826
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 35.831 ng
RT: 7.975 min Scan# 983
Delta R.T. -0.035 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:122 Resp: 95923
Ion Ratio Lower Upper
122 100
105 132.0 104.7 144.7
77 100.9 77.3 117.3



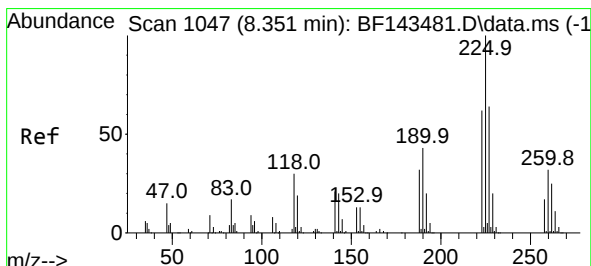
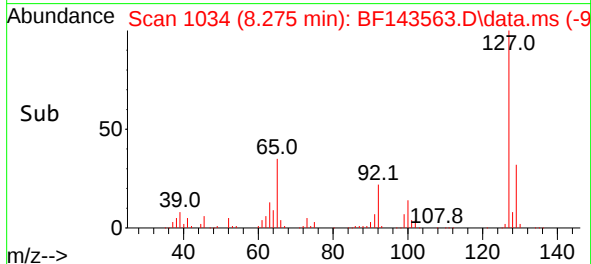
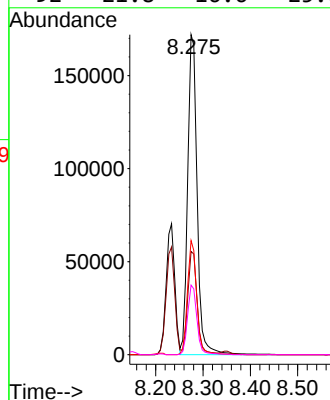
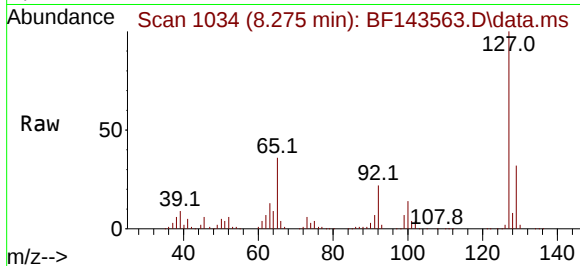


#33
4-Chloroaniline
Concen: 38.155 ng
RT: 8.275 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 238101

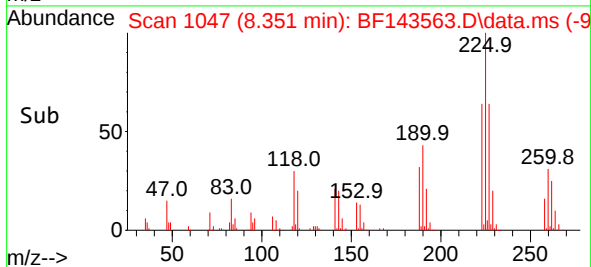
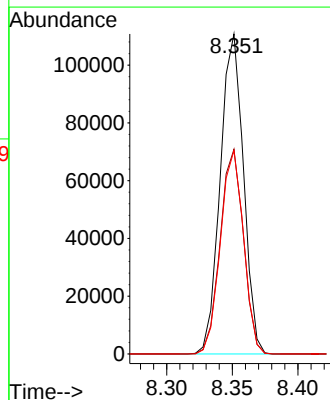
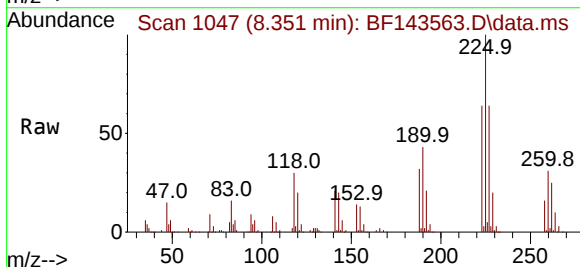
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.1	39.1
65	35.6	26.2	39.2
92	21.8	16.6	25.0

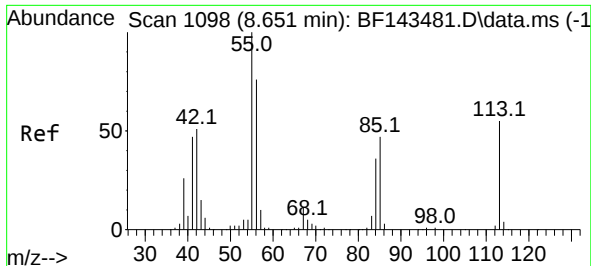


#34
Hexachlorobutadiene
Concen: 38.527 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:225 Resp: 136132

Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.9	74.9
227	63.5	50.9	76.3

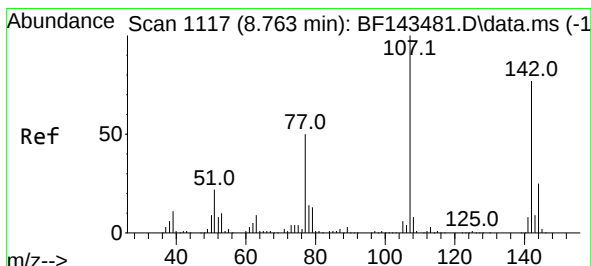
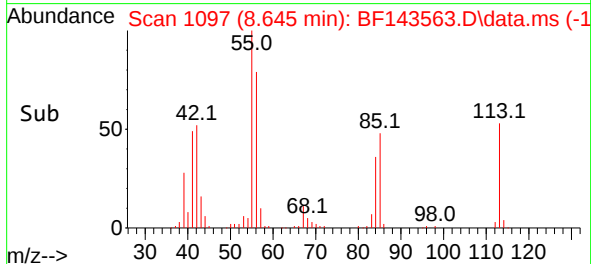
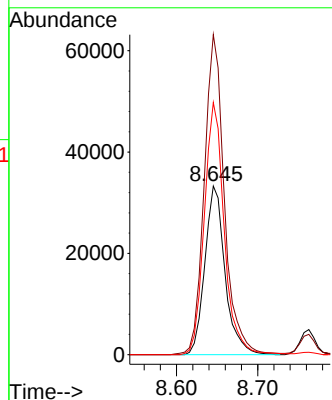
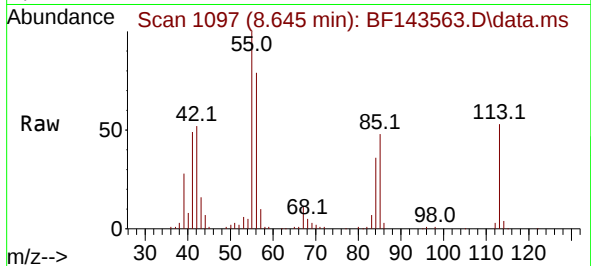




#35
 Caprolactam
 Concen: 45.461 ng
 RT: 8.645 min Scan# 1098
 Delta R.T. -0.029 min
 Lab File: BF143563.D
 Acq: 22 Aug 2025 10:29

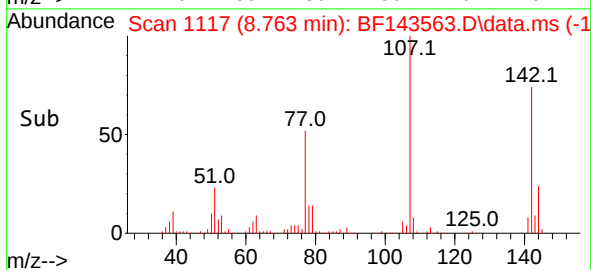
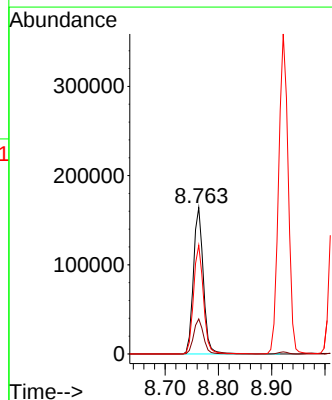
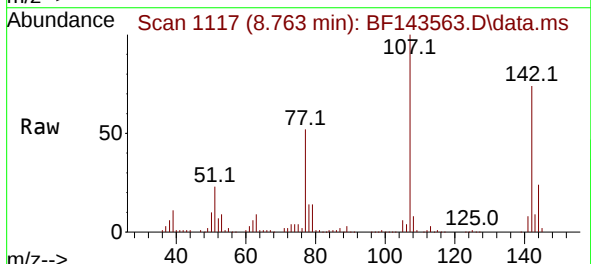
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

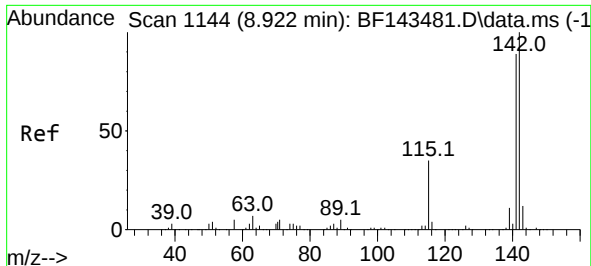
Tgt Ion:113 Resp: 57464
 Ion Ratio Lower Upper
 113 100
 55 189.7 162.8 202.8
 56 149.5 118.1 158.1



#36
 4-Chloro-3-methylphenol
 Concen: 40.475 ng
 RT: 8.763 min Scan# 1117
 Delta R.T. -0.006 min
 Lab File: BF143563.D
 Acq: 22 Aug 2025 10:29

Tgt Ion:107 Resp: 213663
 Ion Ratio Lower Upper
 107 100
 144 23.9 19.9 29.9
 142 74.2 61.8 92.8

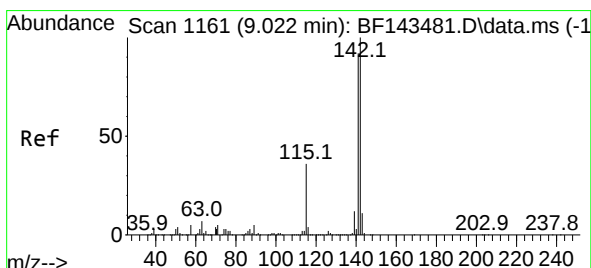
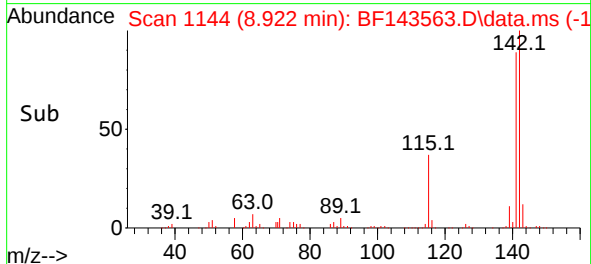
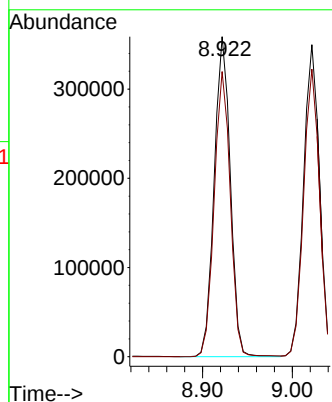
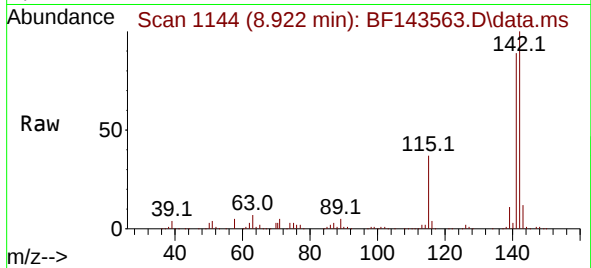




#37
2-Methylnaphthalene
Concen: 38.072 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

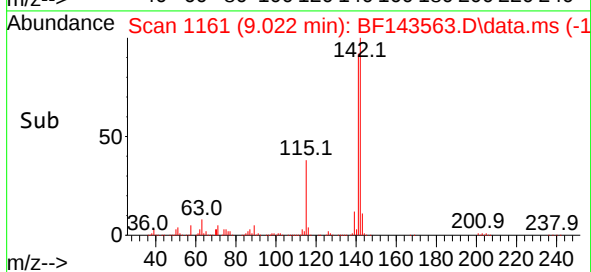
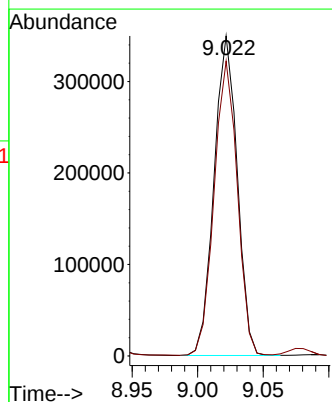
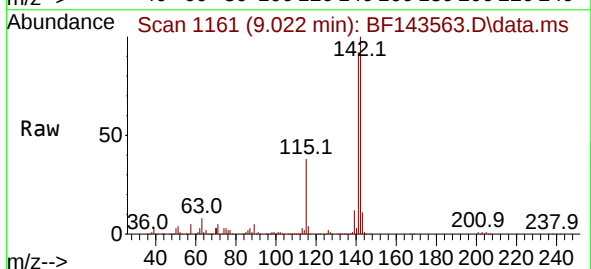
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

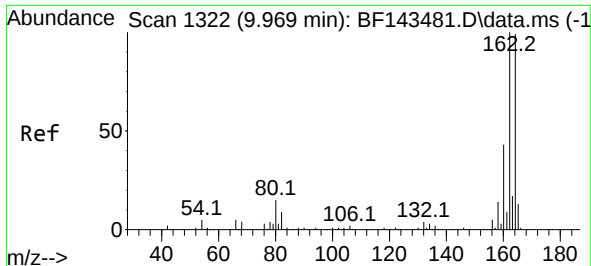
Tgt Ion:142 Resp: 447078
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.4



#38
1-Methylnaphthalene
Concen: 38.168 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:142 Resp: 428730
Ion Ratio Lower Upper
142 100
141 92.2 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143563.D

Acq: 22 Aug 2025 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

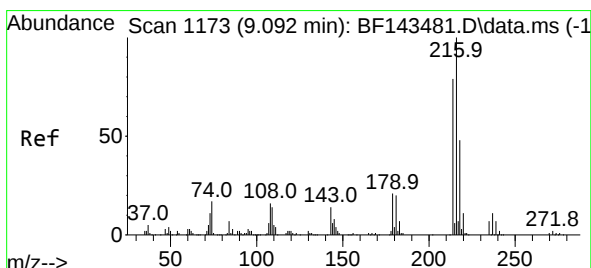
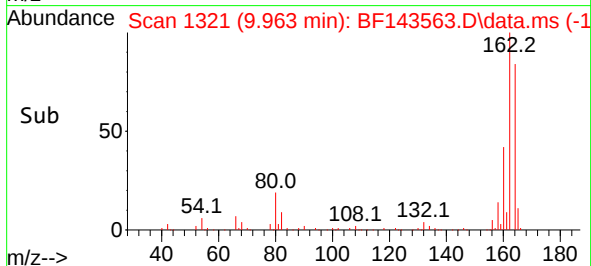
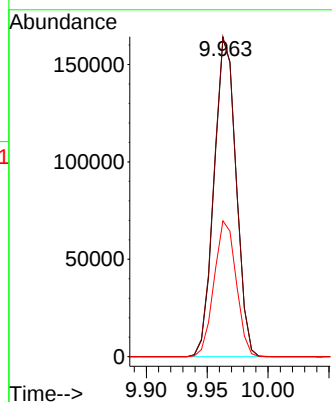
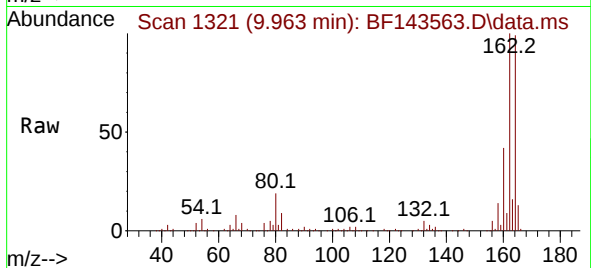
Tgt Ion:164 Resp: 205977

Ion Ratio Lower Upper

164 100

162 100.5 80.5 120.7

160 42.7 34.3 51.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.876 ng

RT: 9.092 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF143563.D

Acq: 22 Aug 2025 10:29

Tgt Ion:216 Resp: 217263

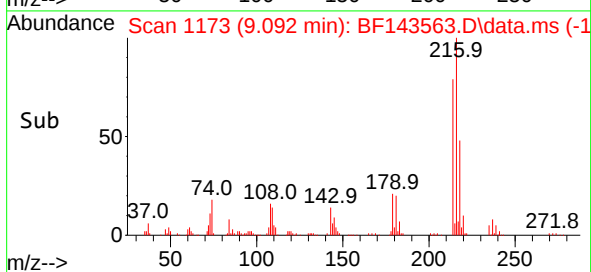
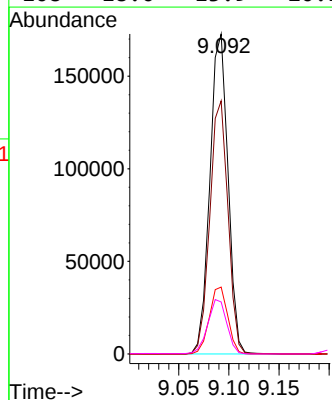
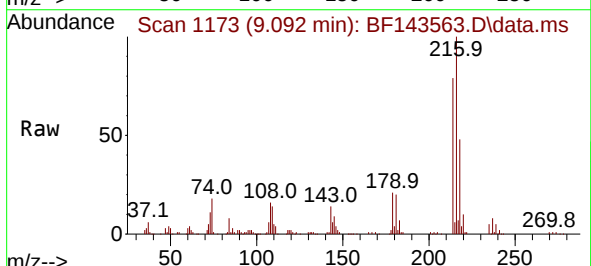
Ion Ratio Lower Upper

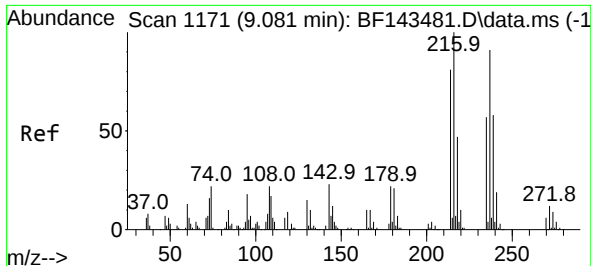
216 100

214 79.3 63.4 95.0

179 21.3 16.5 24.7

108 18.0 13.9 20.9

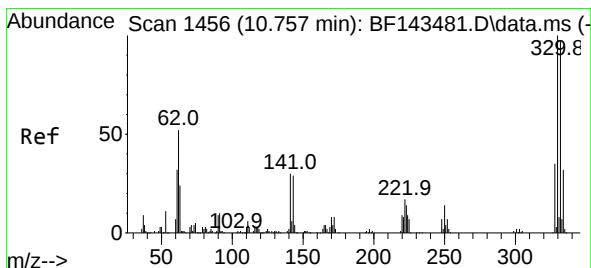
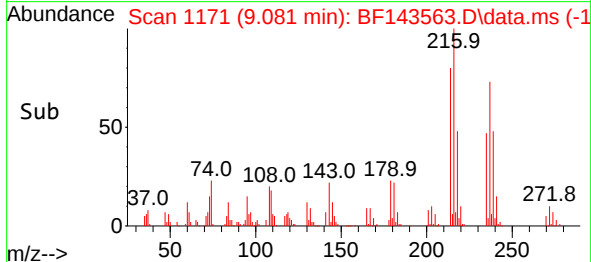
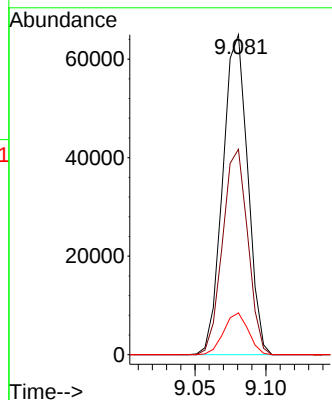
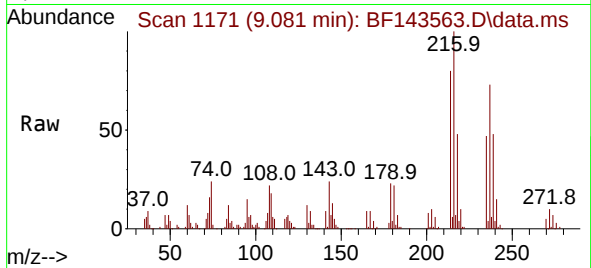




#41
Hexachlorocyclopentadiene
Concen: 38.369 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

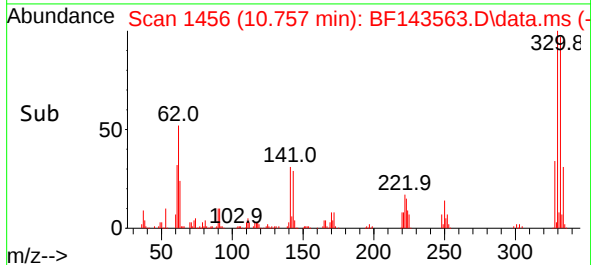
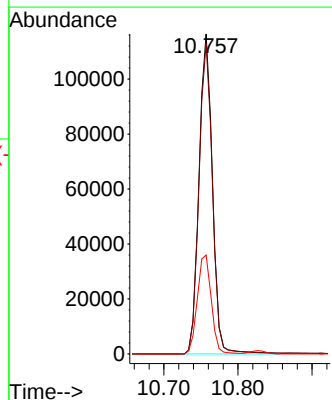
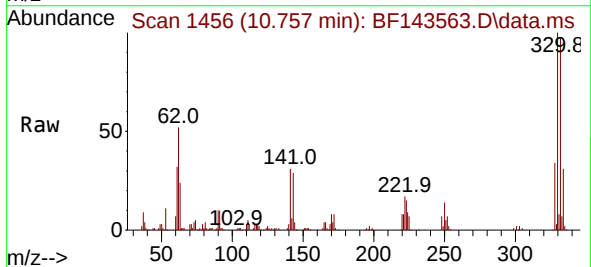
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

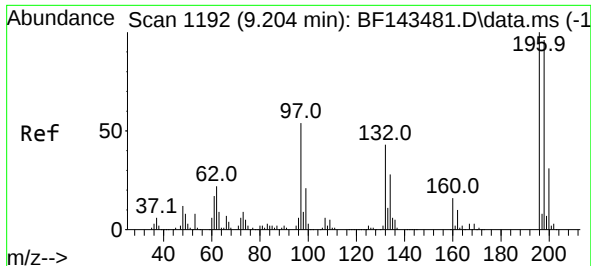
Tgt Ion:237 Resp: 79483
Ion Ratio Lower Upper
237 100
235 64.2 42.6 82.6
272 13.1 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 76.683 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:330 Resp: 147027
Ion Ratio Lower Upper
330 100
332 98.0 78.0 117.0
141 32.1 23.7 35.5





#43

2,4,6-Trichlorophenol

Concen: 38.169 ng

RT: 9.204 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF143563.D

Acq: 22 Aug 2025 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

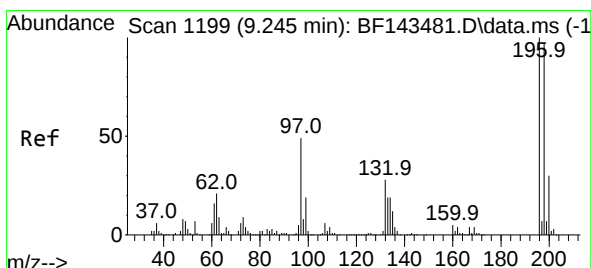
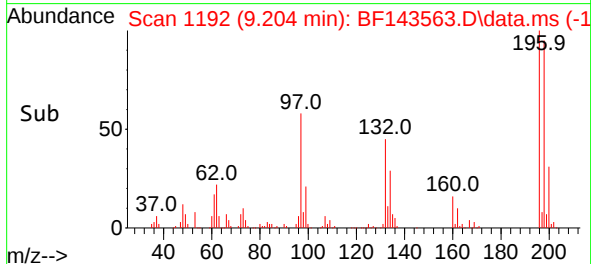
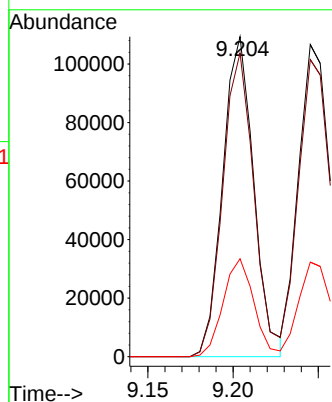
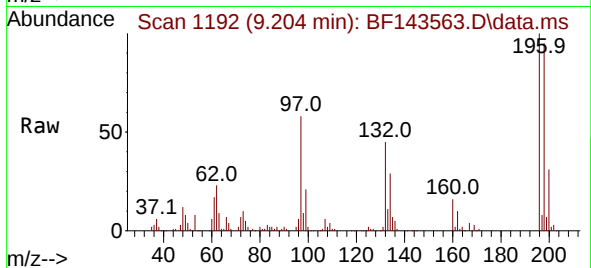
Tgt Ion:196 Resp: 138377

Ion Ratio Lower Upper

196 100

198 94.9 77.0 115.4

200 30.6 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 36.925 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143563.D

Acq: 22 Aug 2025 10:29

Tgt Ion:196 Resp: 146223

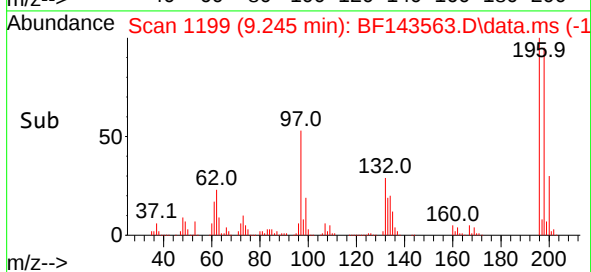
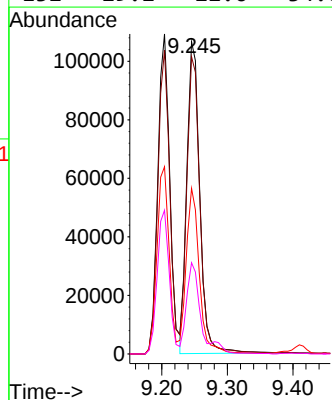
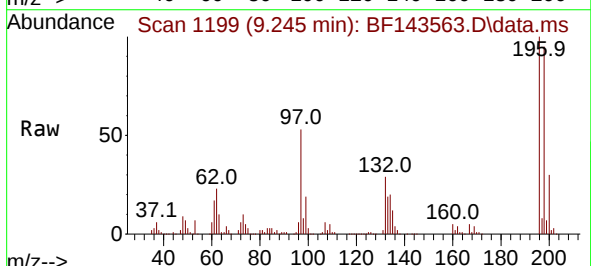
Ion Ratio Lower Upper

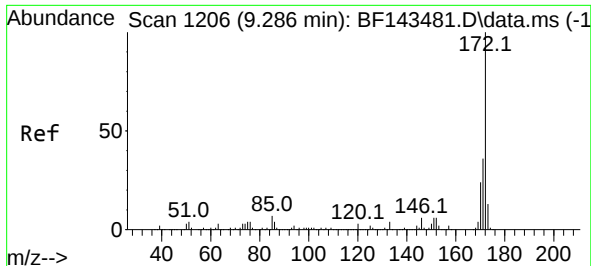
196 100

198 95.2 77.3 115.9

97 53.1 40.0 60.0

132 29.2 22.6 34.0

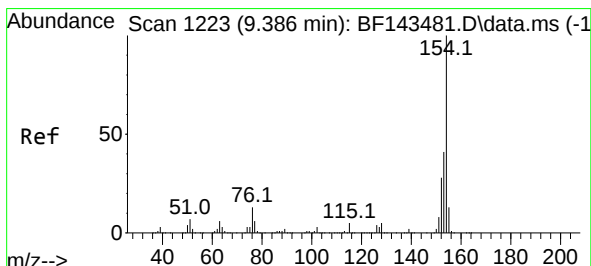
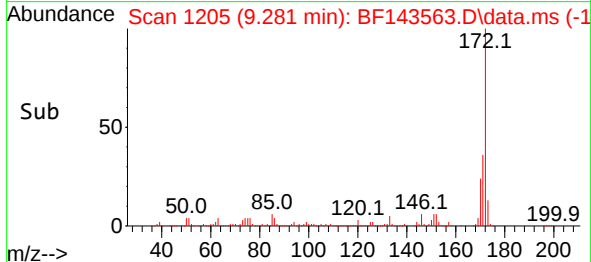
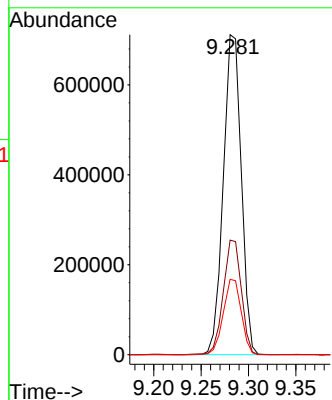
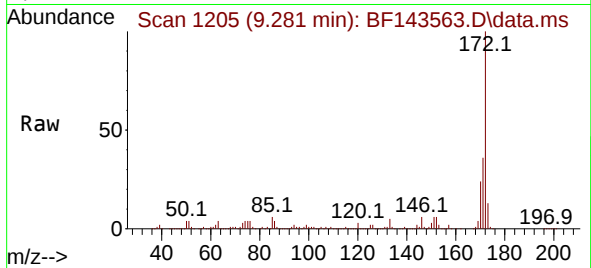




#45
2-Fluorobiphenyl
Concen: 75.534 ng
RT: 9.281 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

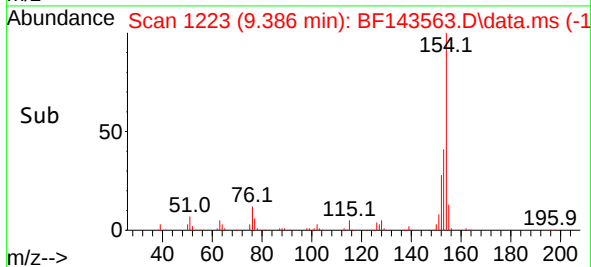
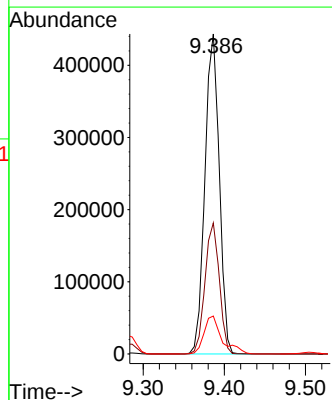
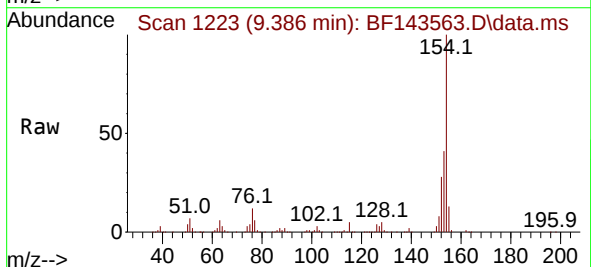
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

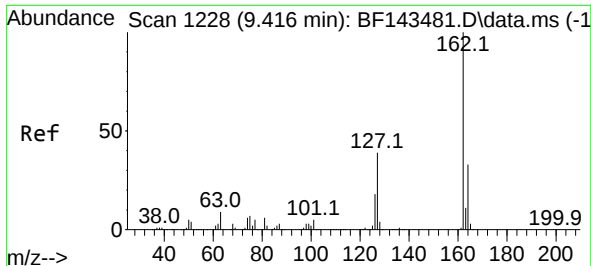
Tgt Ion:172 Resp: 941401
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.6 18.8 28.2



#46
1,1'-Biphenyl
Concen: 37.179 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:154 Resp: 543545
Ion Ratio Lower Upper
154 100
153 41.0 20.6 60.6
76 11.8 0.0 33.0





#47

2-Chloronaphthalene

Concen: 37.092 ng

RT: 9.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143563.D

Acq: 22 Aug 2025 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

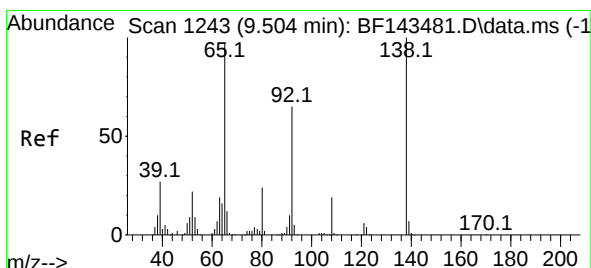
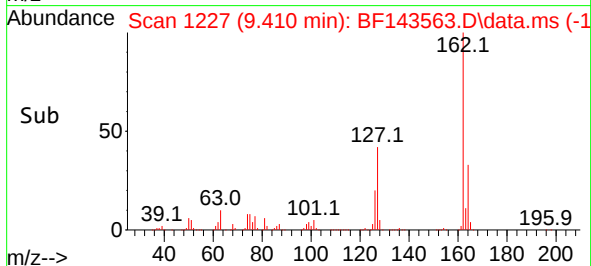
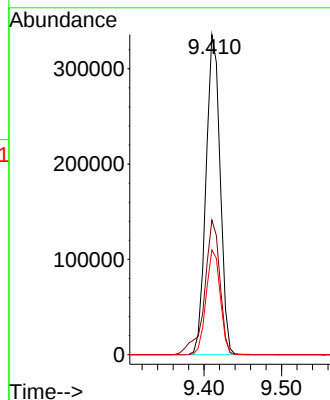
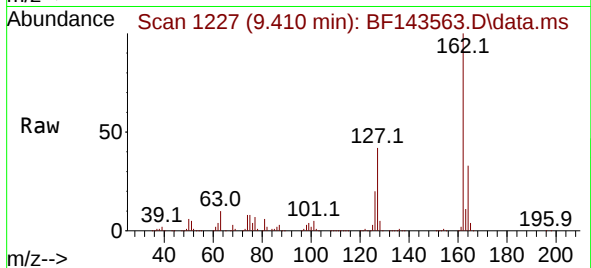
Tgt Ion:162 Resp: 425481

Ion Ratio Lower Upper

162 100

127 42.1 31.8 47.6

164 32.8 26.4 39.6



#48

2-Nitroaniline

Concen: 40.507 ng

RT: 9.504 min Scan# 1243

Delta R.T. -0.006 min

Lab File: BF143563.D

Acq: 22 Aug 2025 10:29

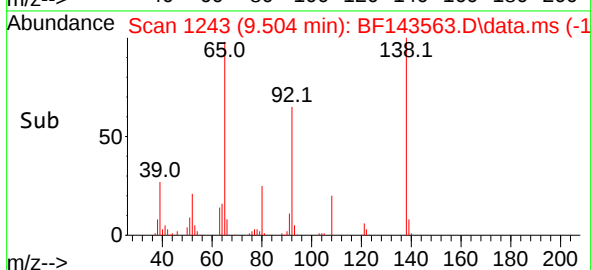
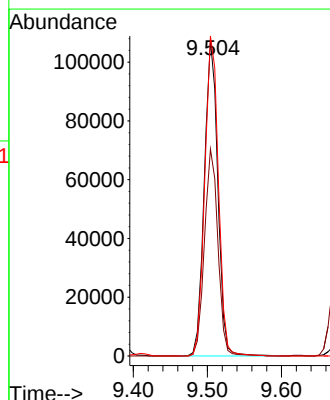
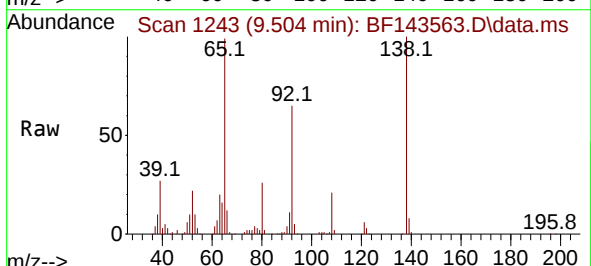
Tgt Ion: 65 Resp: 135986

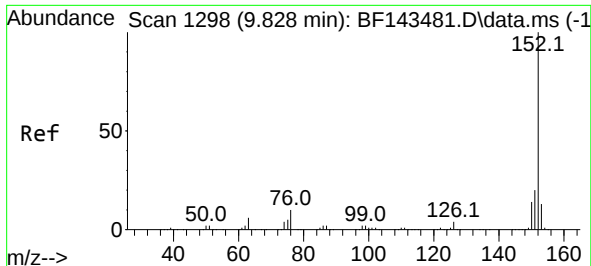
Ion Ratio Lower Upper

65 100

92 65.5 53.8 80.6

138 101.4 82.4 123.6

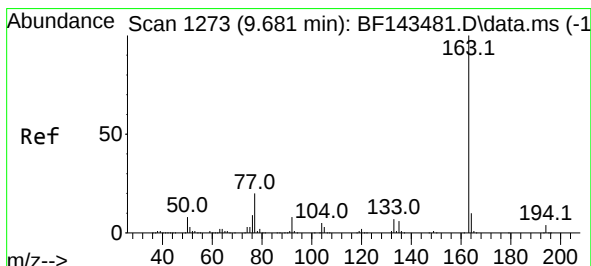
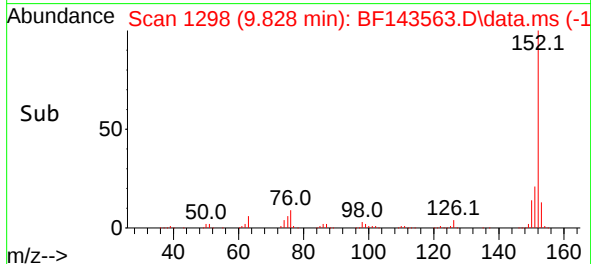
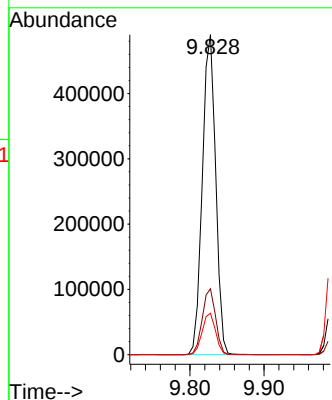
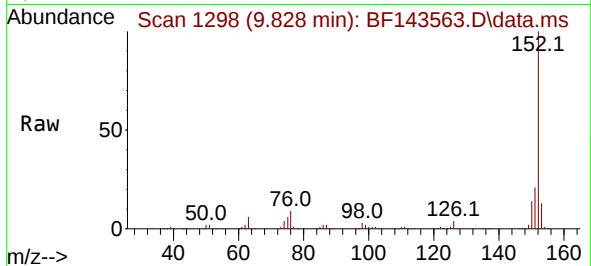




#49
Acenaphthylene
Concen: 37.277 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

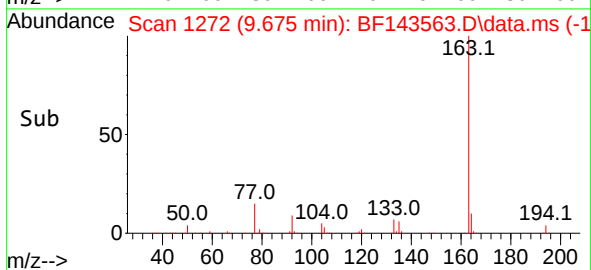
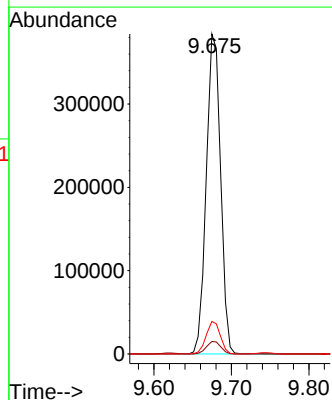
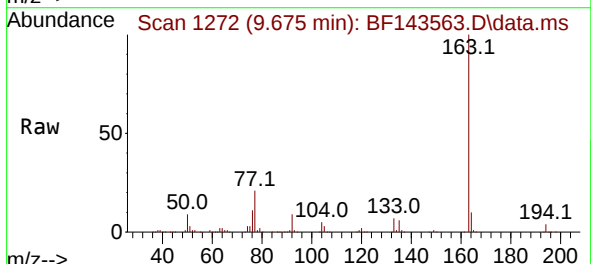
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

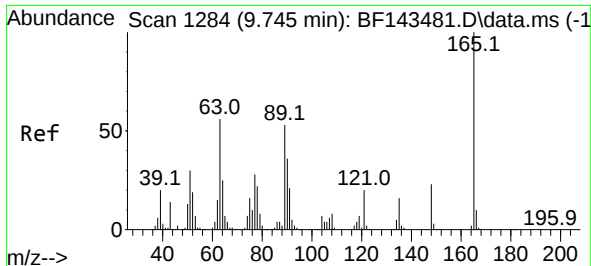
Tgt Ion:152 Resp: 612267
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.0 10.6 15.8



#50
Dimethylphthalate
Concen: 39.712 ng
RT: 9.675 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:163 Resp: 492649
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.2 8.2 12.2

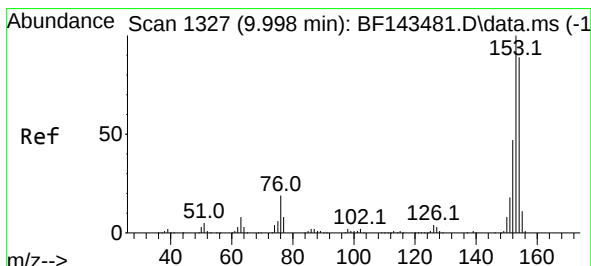
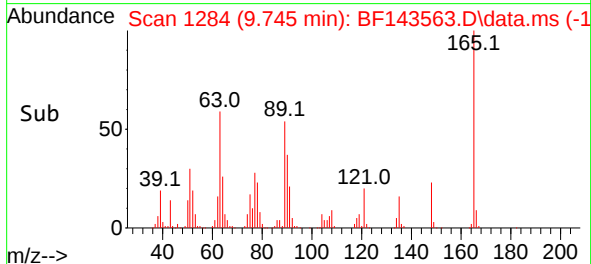
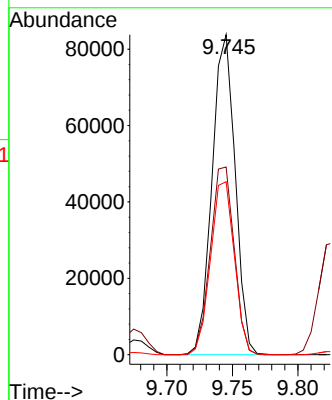
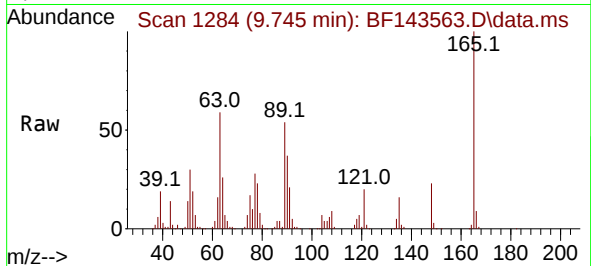




#51
2,6-Dinitrotoluene
Concen: 39.929 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

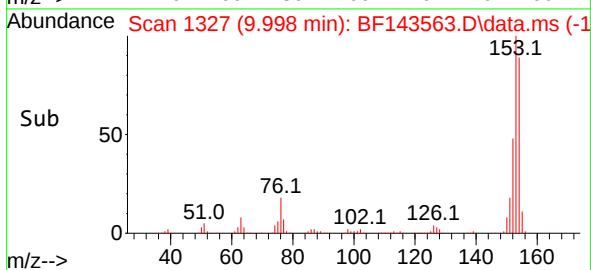
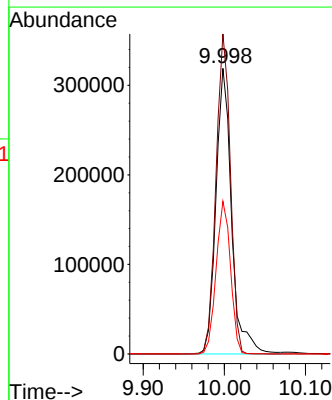
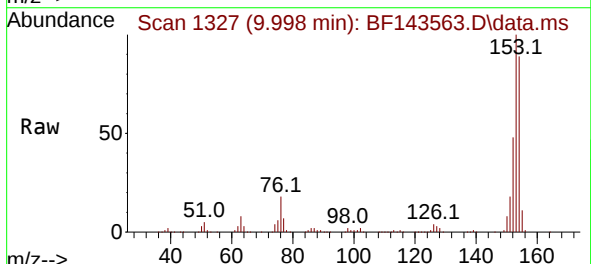
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

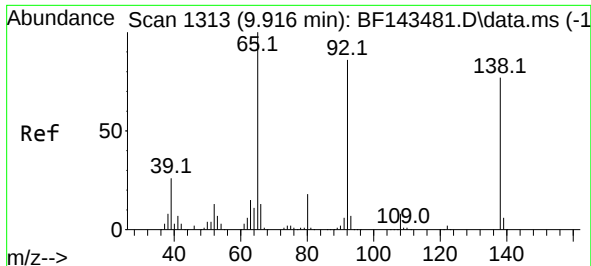
Tgt Ion:165 Resp: 102662
Ion Ratio Lower Upper
165 100
63 58.6 45.0 67.6
89 54.1 42.5 63.7



#52
Acenaphthene
Concen: 38.353 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:154 Resp: 427707
Ion Ratio Lower Upper
154 100
153 112.0 89.5 134.3
152 53.4 42.5 63.7

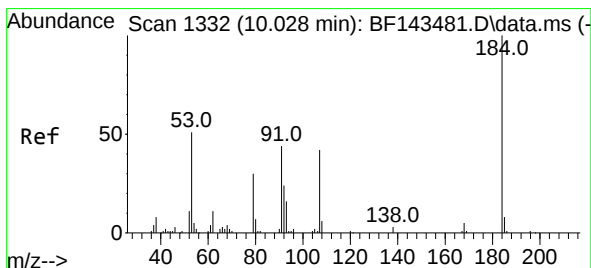
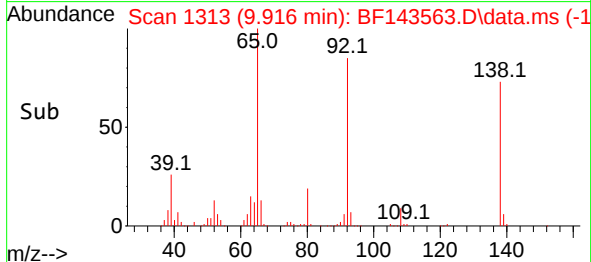
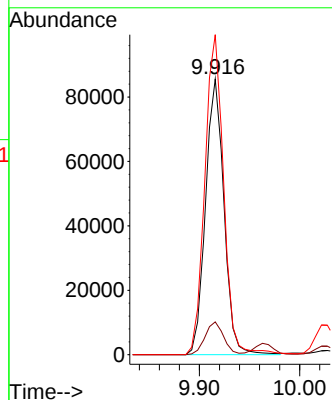
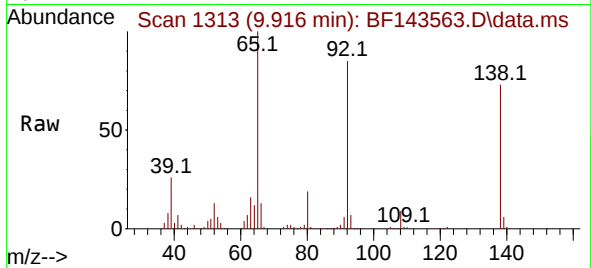




#53
3-Nitroaniline
Concen: 39.543 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

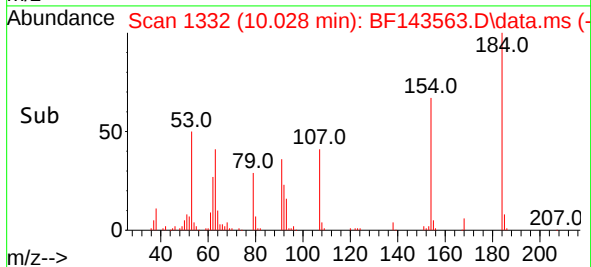
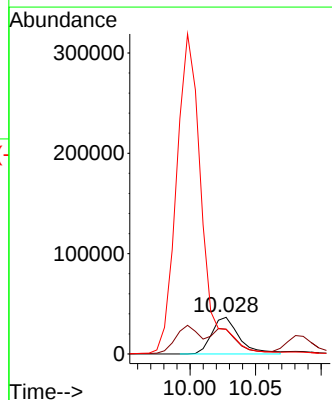
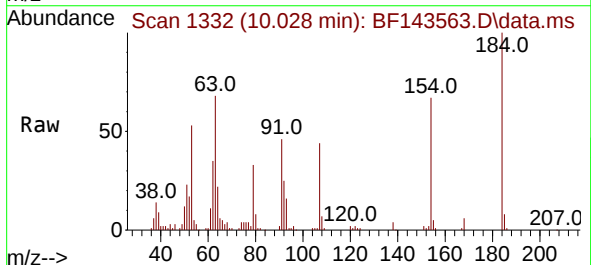
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

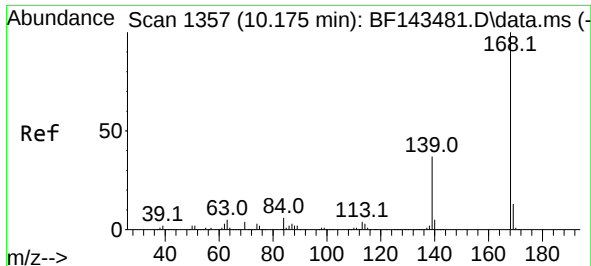
Tgt Ion:138 Resp: 109859
Ion Ratio Lower Upper
138 100
108 11.9 8.6 13.0
92 116.1 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 41.606 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:184 Resp: 53467
Ion Ratio Lower Upper
184 100
63 67.7 52.6 78.8
154 67.4 51.0 76.4

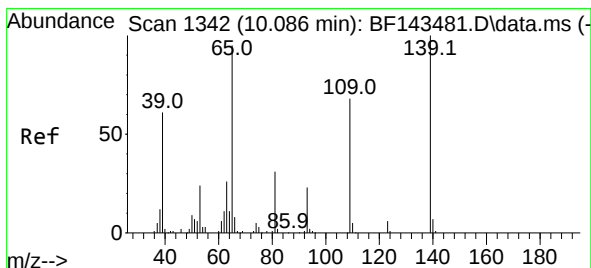
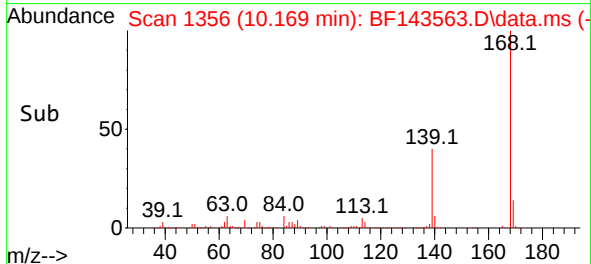
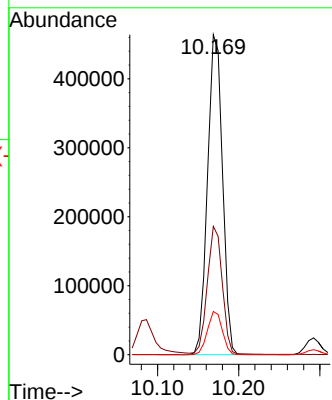
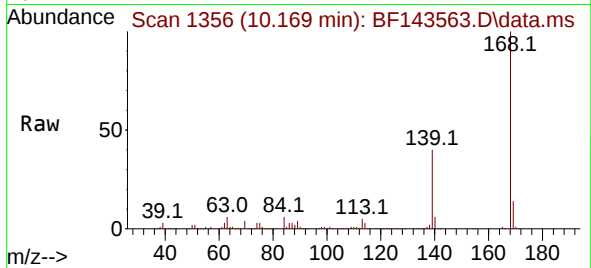




#55
Dibenzofuran
Concen: 37.307 ng
RT: 10.169 min Scan# 1356
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

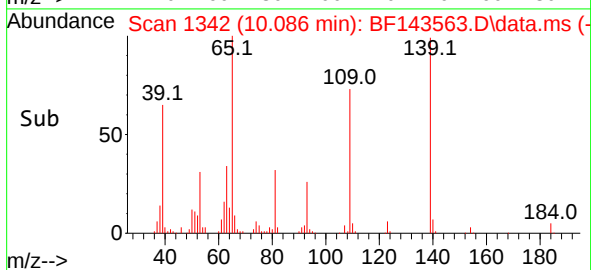
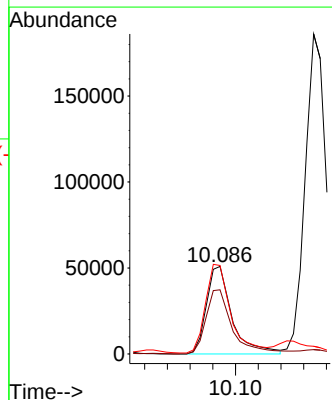
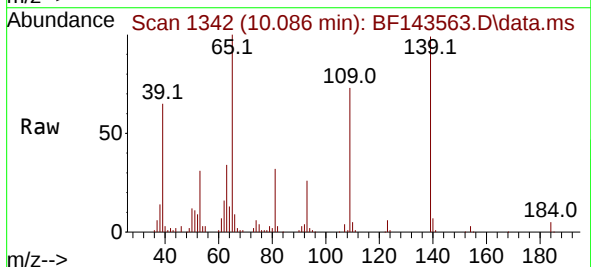
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

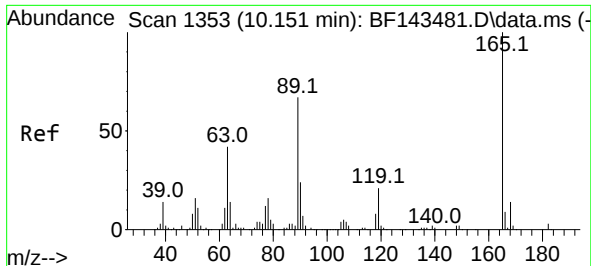
Tgt Ion:168 Resp: 593154
Ion Ratio Lower Upper
168 100
139 40.1 29.8 44.6
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 48.174 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:139 Resp: 79634
Ion Ratio Lower Upper
139 100
109 73.3 48.2 88.2
65 101.1 75.8 115.8

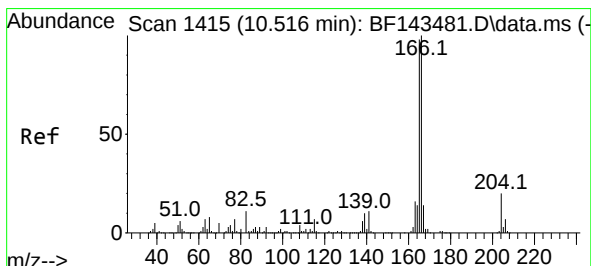
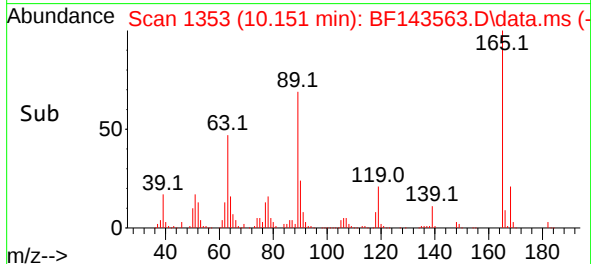
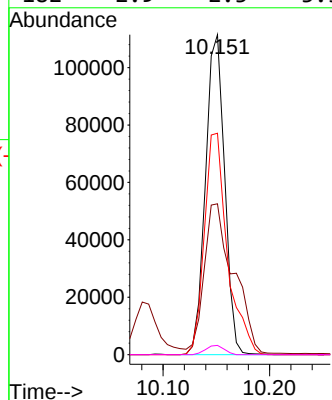
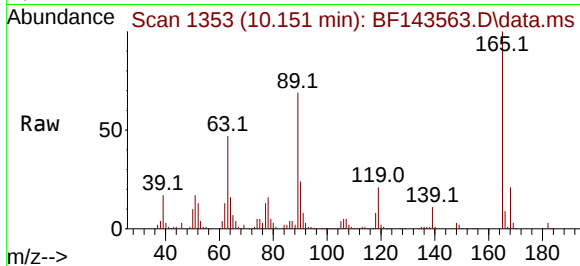




#57
2,4-Dinitrotoluene
Concen: 40.578 ng
RT: 10.151 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

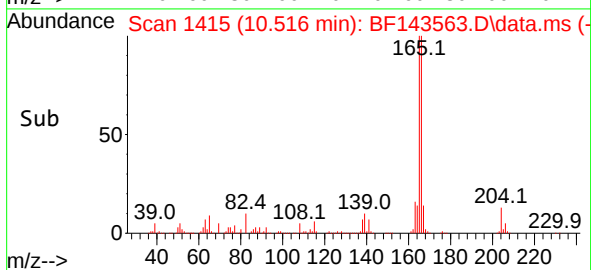
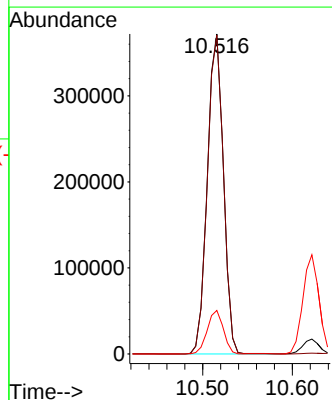
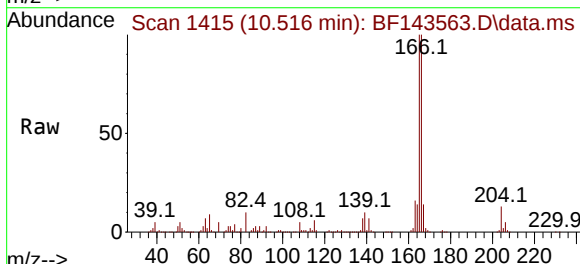
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

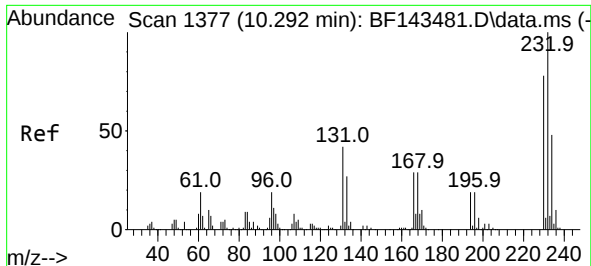
Tgt Ion:165 Resp: 139305
Ion Ratio Lower Upper
165 100
63 47.2 34.9 52.3
89 69.2 53.3 79.9
182 2.9 2.3 3.5



#58
Fluorene
Concen: 37.774 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:166 Resp: 462243
Ion Ratio Lower Upper
166 100
165 99.6 78.3 117.5
167 13.6 11.0 16.4

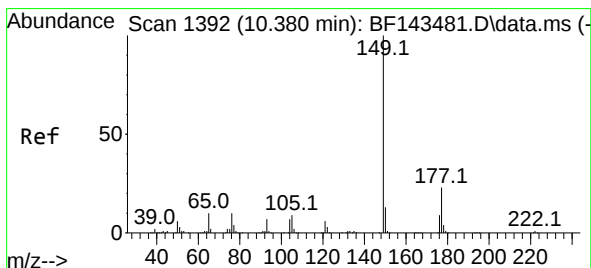
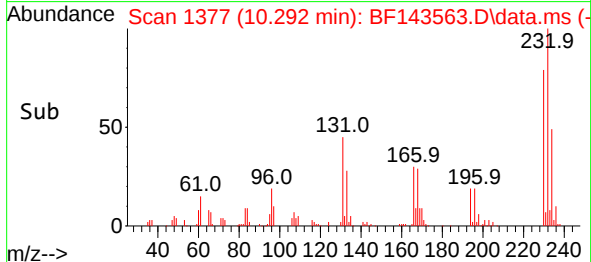
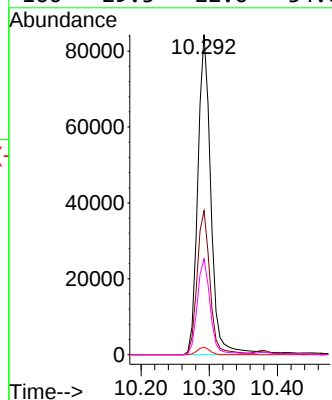
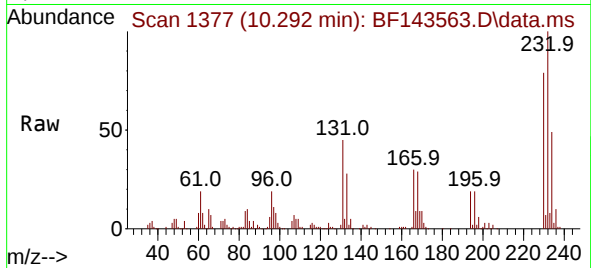




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.429 ng
RT: 10.292 min Scan# 1377
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

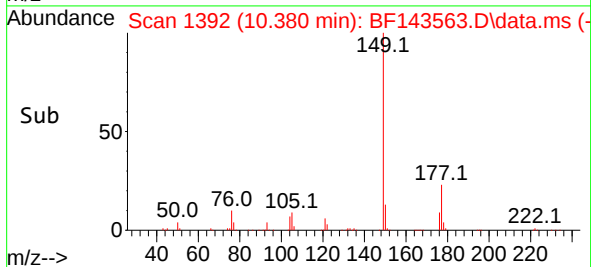
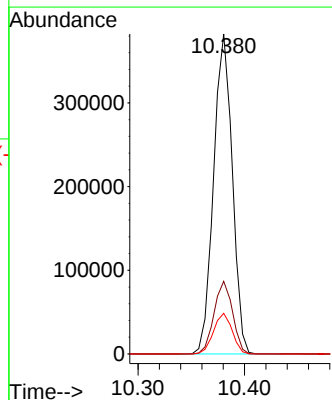
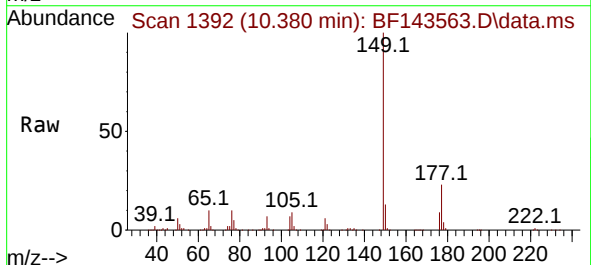
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

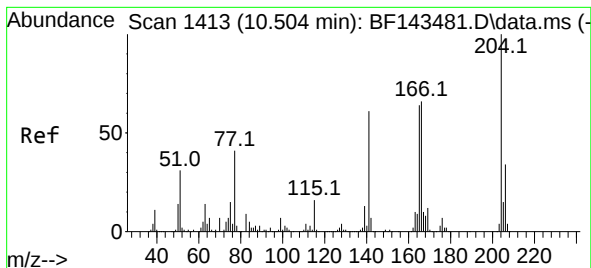
Tgt Ion:232 Resp: 113060
Ion Ratio Lower Upper
232 100
131 44.3 32.7 49.1
130 2.2 1.6 2.4
166 29.3 22.6 34.0



#60
Diethylphthalate
Concen: 41.829 ng
RT: 10.380 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:149 Resp: 465237
Ion Ratio Lower Upper
149 100
177 22.7 18.3 27.5
150 12.7 10.3 15.5

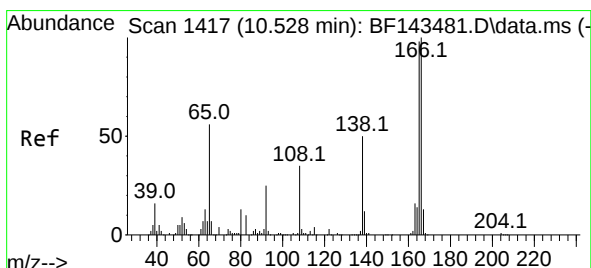
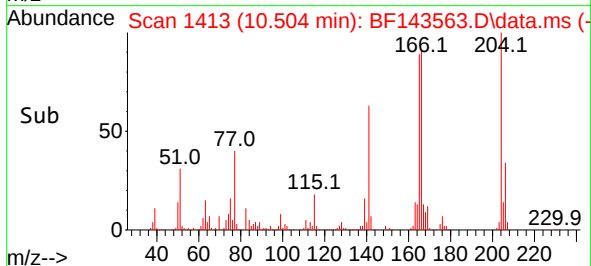
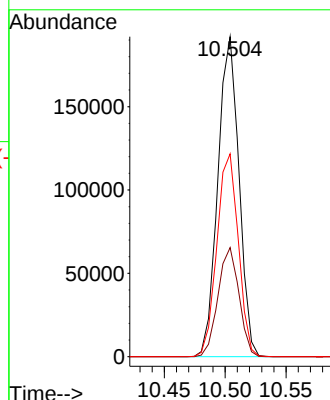
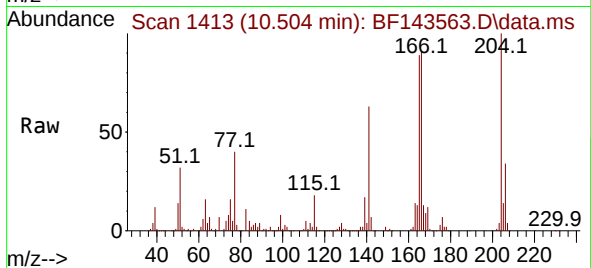




#61
4-Chlorophenyl-phenylether
Concen: 37.842 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

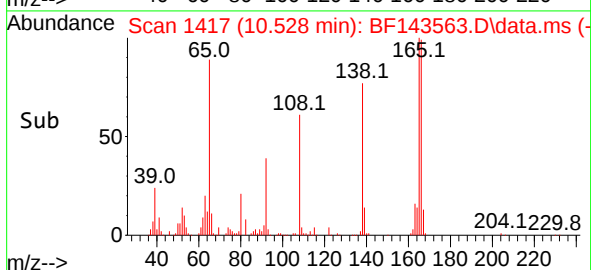
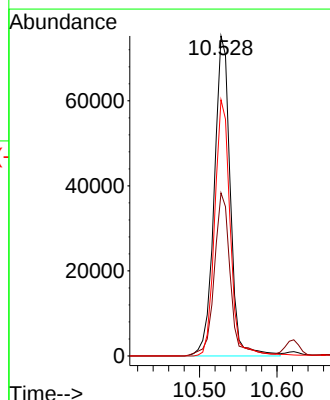
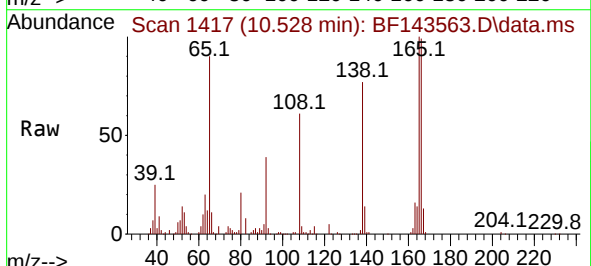
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

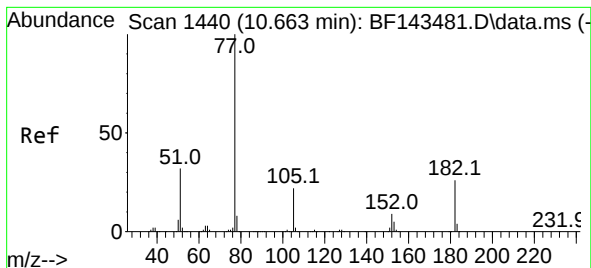
Tgt Ion:204 Resp: 231588
Ion Ratio Lower Upper
204 100
206 34.1 27.0 40.4
141 63.4 48.7 73.1



#62
4-Nitroaniline
Concen: 42.593 ng
RT: 10.528 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:138 Resp: 108691
Ion Ratio Lower Upper
138 100
92 51.0 29.3 69.3
108 80.1 50.7 90.7





#63

Azobenzene

Concen: 39.156 ng

RT: 10.663 min Scan# 1440

Delta R.T. -0.006 min

Lab File: BF143563.D

Acq: 22 Aug 2025 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 451563

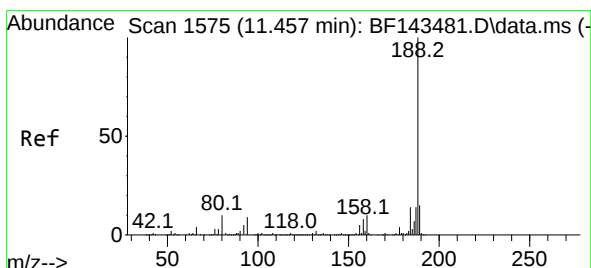
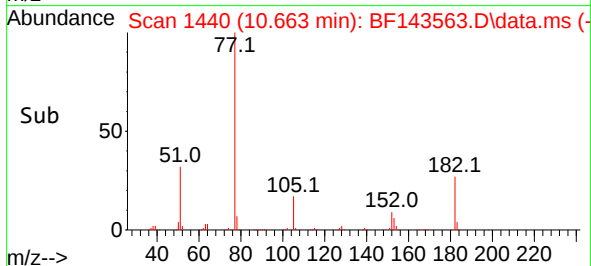
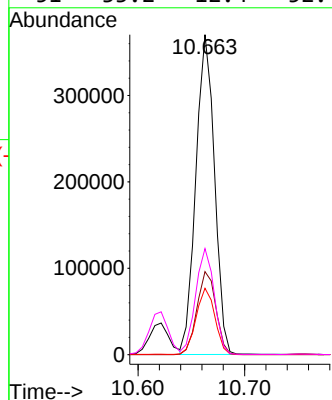
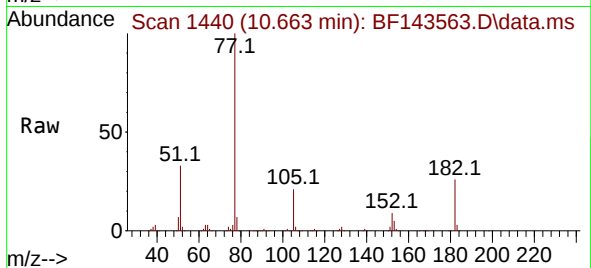
Ion Ratio Lower Upper

77 100

182 26.0 6.2 46.2

105 20.8 2.2 42.2

51 33.2 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: BF143563.D

Acq: 22 Aug 2025 10:29

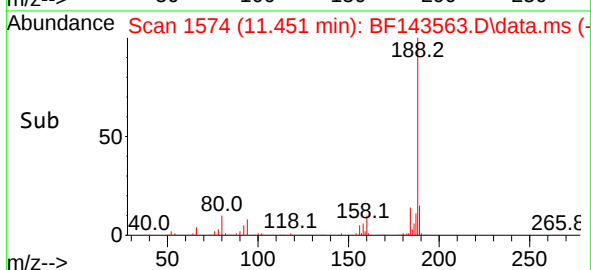
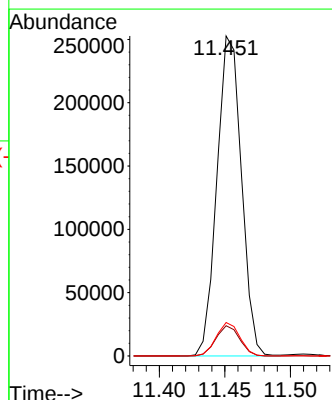
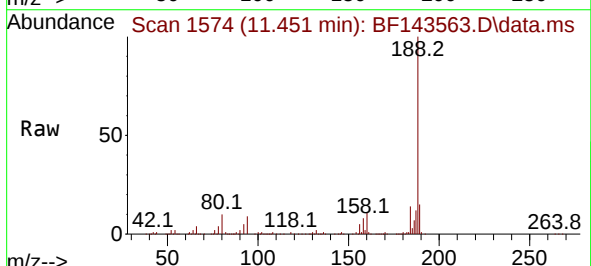
Tgt Ion:188 Resp: 328132

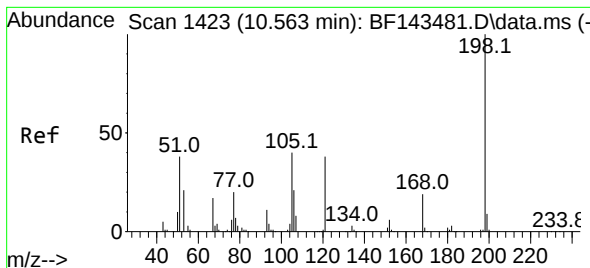
Ion Ratio Lower Upper

188 100

94 9.5 7.4 11.2

80 10.4 8.2 12.4

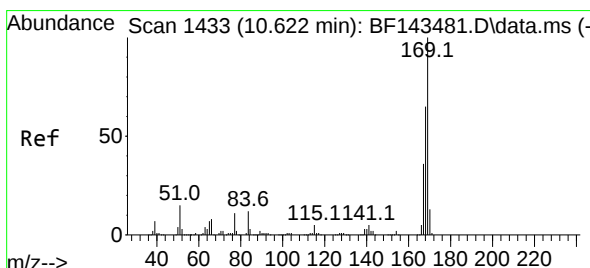
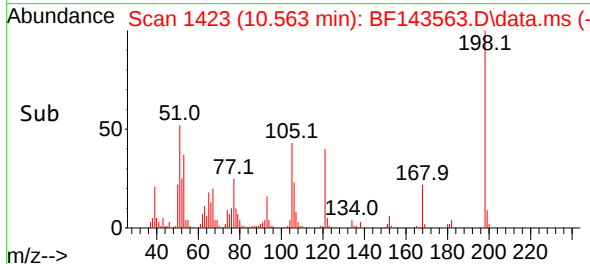
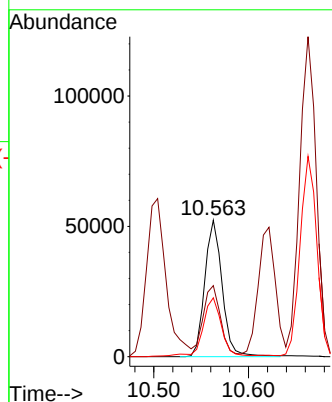
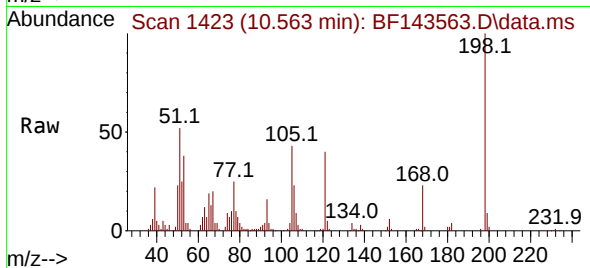




#65
4,6-Dinitro-2-methylphenol
Concen: 36.050 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

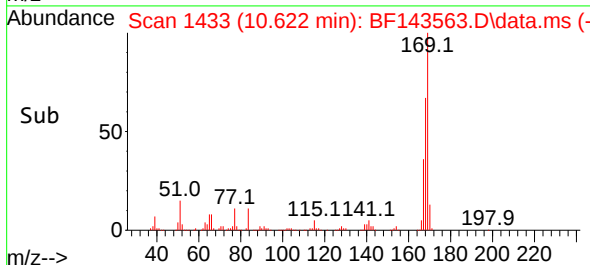
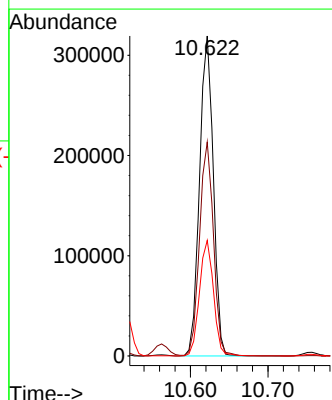
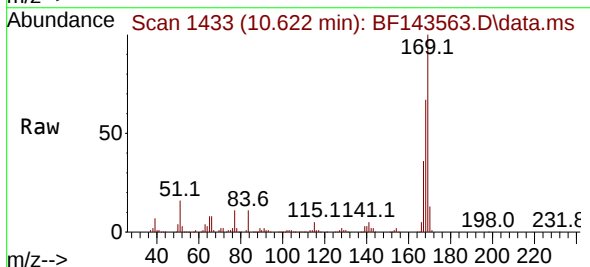
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

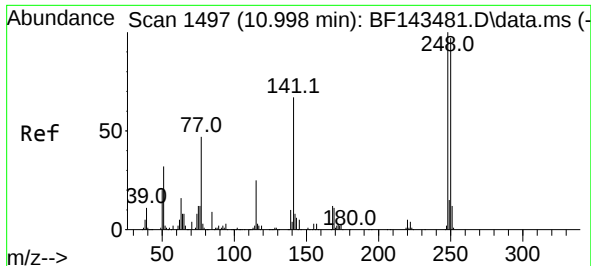
Tgt Ion:198 Resp: 66697
Ion Ratio Lower Upper
198 100
51 52.1 29.6 69.6
105 43.2 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 37.253 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:169 Resp: 393386
Ion Ratio Lower Upper
169 100
168 66.9 52.4 78.6
167 36.1 28.9 43.3

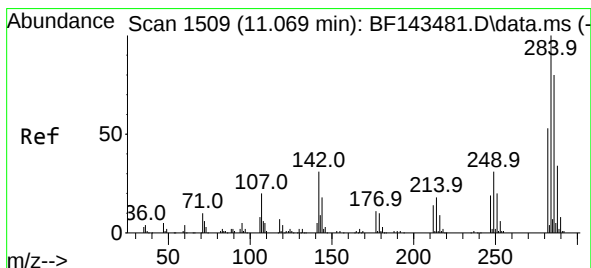
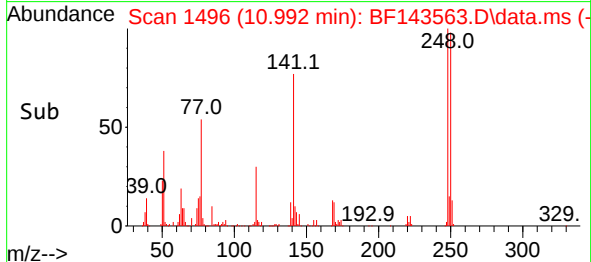
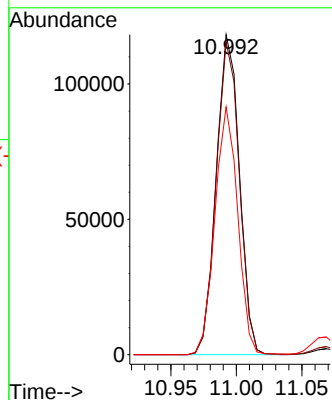
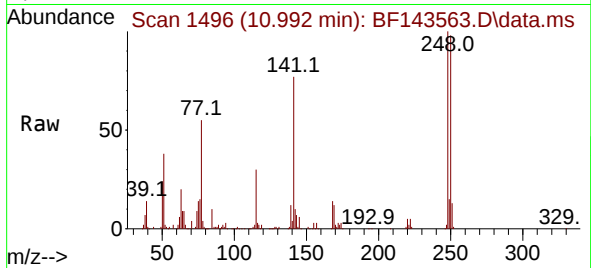




#67
4-Bromophenyl-phenylether
Concen: 37.205 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

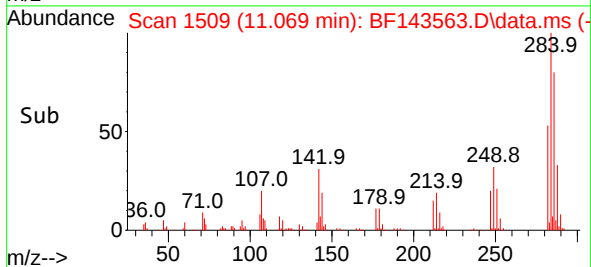
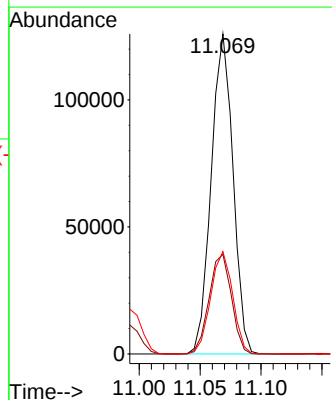
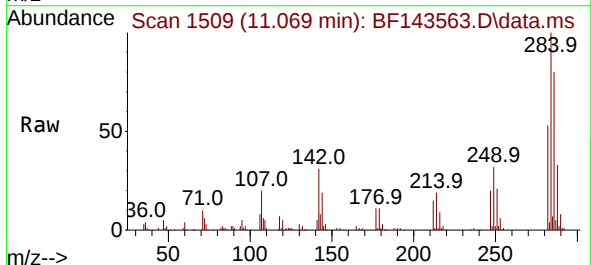
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

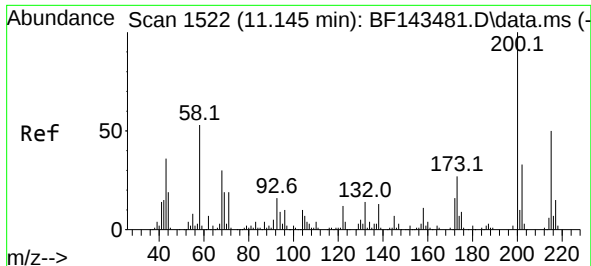
Tgt Ion:248 Resp: 145663
Ion Ratio Lower Upper
248 100
250 97.8 77.8 116.8
141 77.4 54.0 81.0



#68
Hexachlorobenzene
Concen: 37.098 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:284 Resp: 156562
Ion Ratio Lower Upper
284 100
142 31.2 24.4 36.6
249 32.0 25.0 37.6

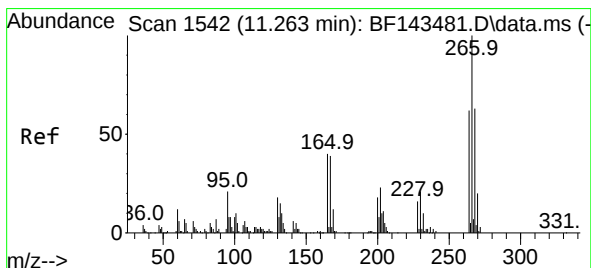
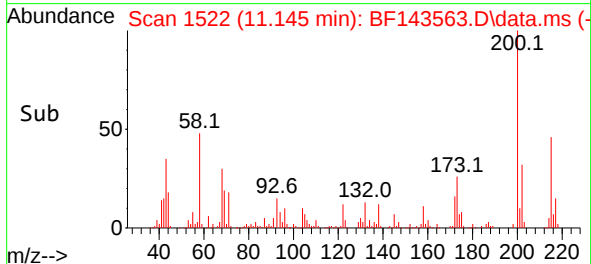
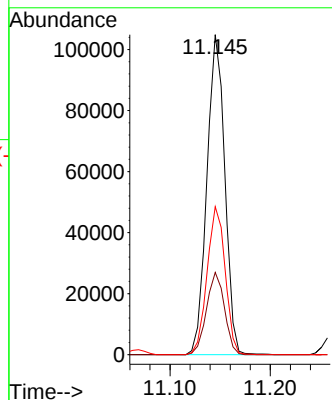
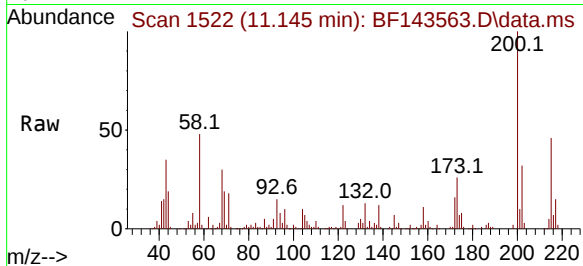




#69
 Atrazine
 Concen: 47.822 ng
 RT: 11.145 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF143563.D
 Acq: 22 Aug 2025 10:29

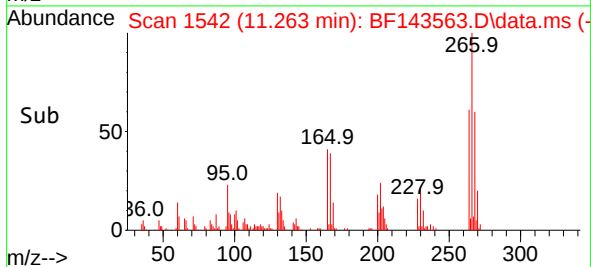
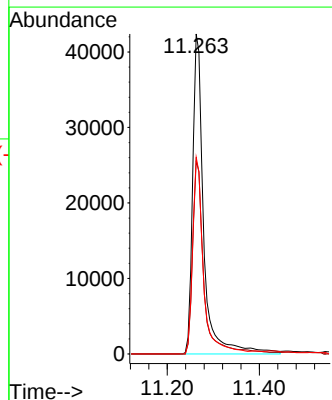
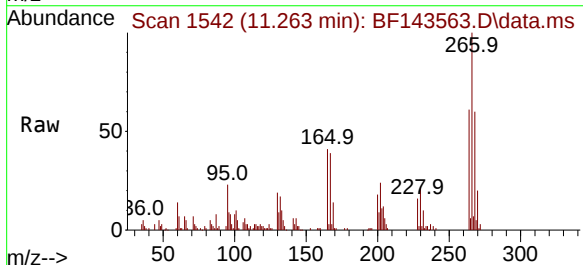
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

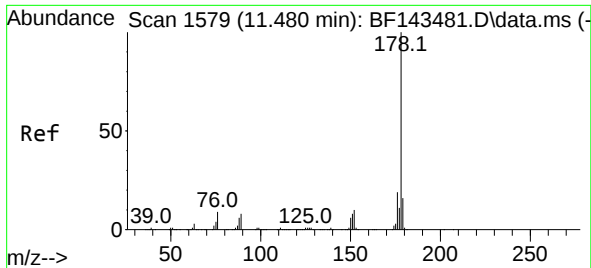
Tgt Ion:200 Resp: 130358
 Ion Ratio Lower Upper
 200 100
 173 25.7 6.9 46.9
 215 46.2 30.0 70.0



#70
 Pentachlorophenol
 Concen: 36.608 ng
 RT: 11.263 min Scan# 1542
 Delta R.T. -0.006 min
 Lab File: BF143563.D
 Acq: 22 Aug 2025 10:29

Tgt Ion:266 Resp: 70755
 Ion Ratio Lower Upper
 266 100
 268 60.4 50.5 75.7
 264 61.5 49.8 74.8

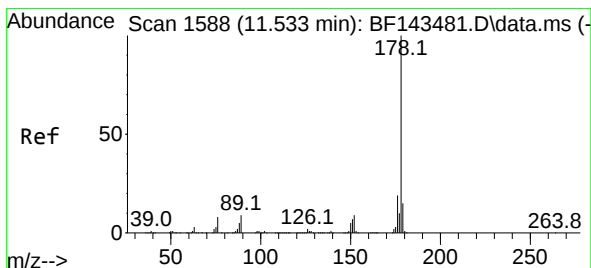
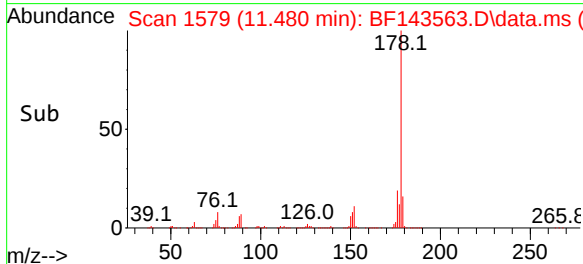
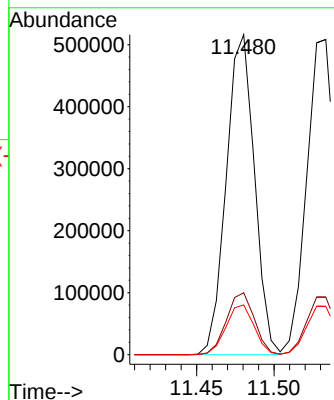
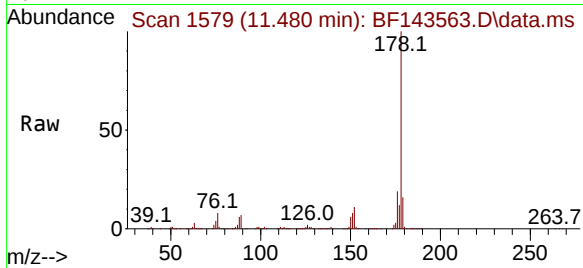




#71
Phenanthrene
Concen: 37.187 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

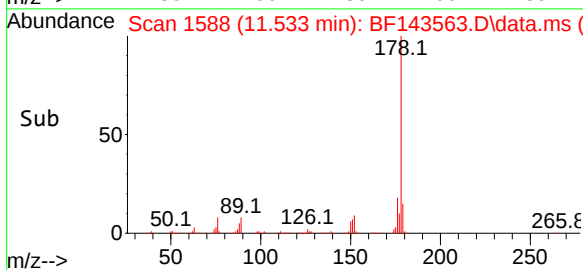
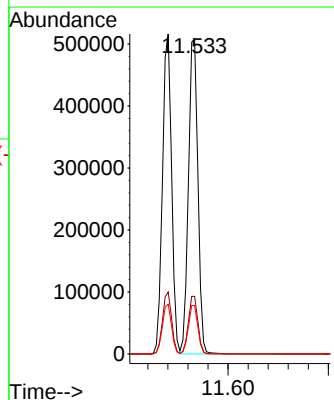
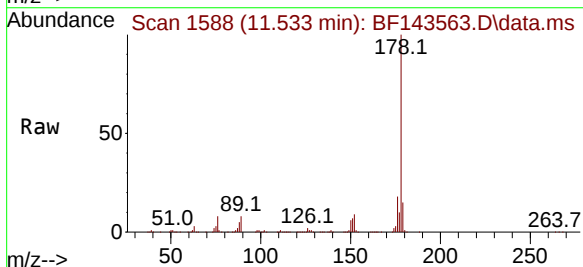
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

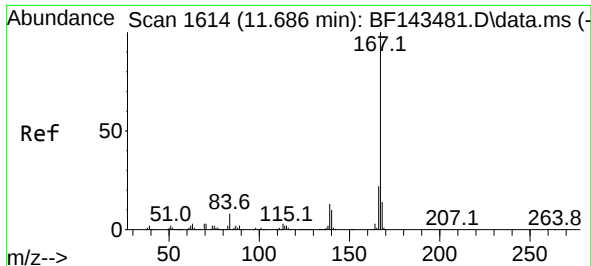
Tgt Ion:178 Resp: 653441
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.6 12.5 18.7



#72
Anthracene
Concen: 37.669 ng
RT: 11.533 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:178 Resp: 670563
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.4
179 15.3 12.3 18.5

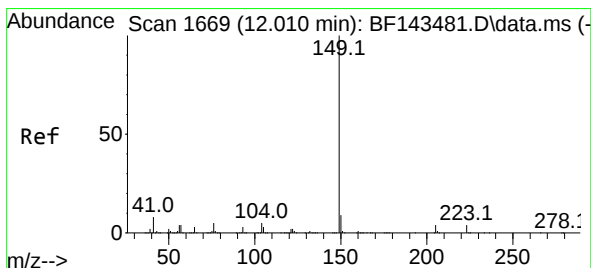
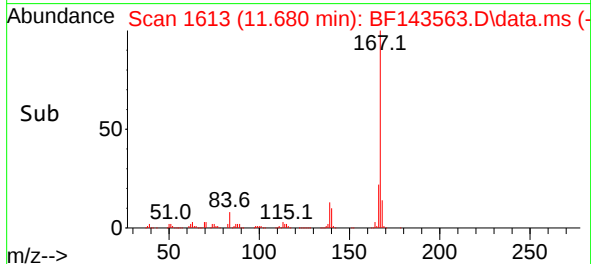
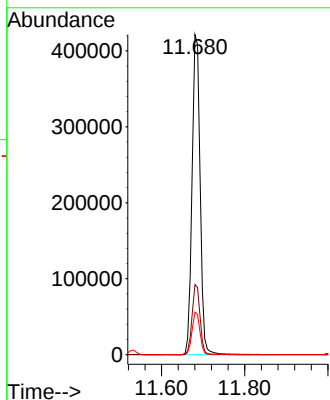
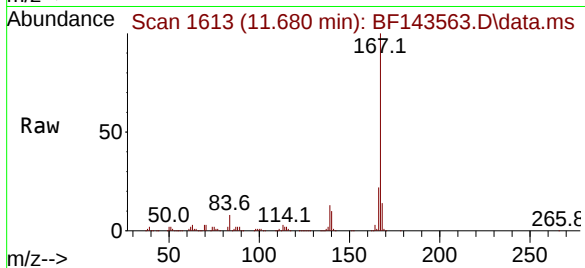




#73
Carbazole
Concen: 38.913 ng
RT: 11.680 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

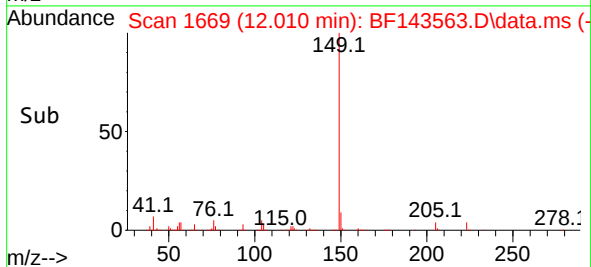
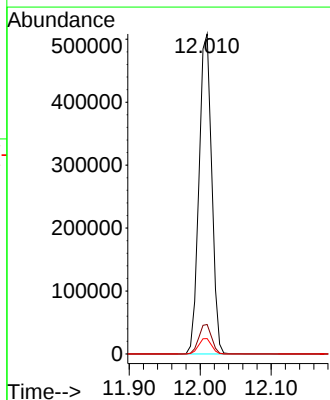
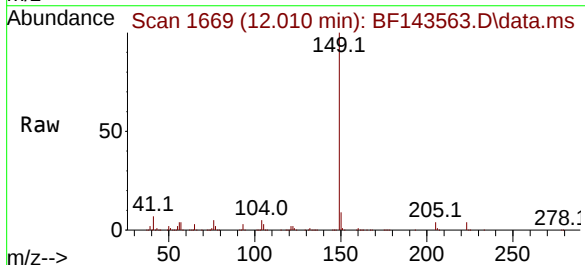
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

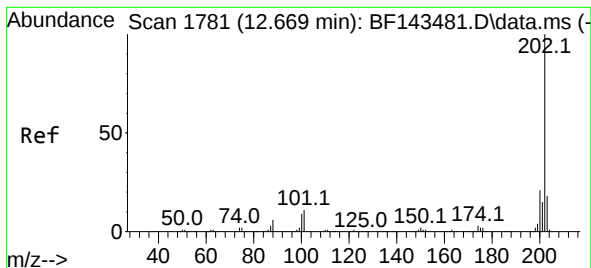
Tgt Ion:167 Resp: 567589
Ion Ratio Lower Upper
167 100
166 21.9 17.3 25.9
139 13.3 10.0 15.0



#74
Di-n-butylphthalate
Concen: 46.563 ng
RT: 12.010 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:149 Resp: 633595
Ion Ratio Lower Upper
149 100
150 9.2 7.2 10.8
104 4.8 3.6 5.4





#75

Fluoranthene

Concen: 38.411 ng

RT: 12.669 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143563.D

Acq: 22 Aug 2025 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

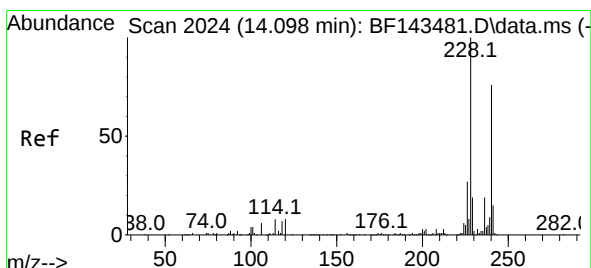
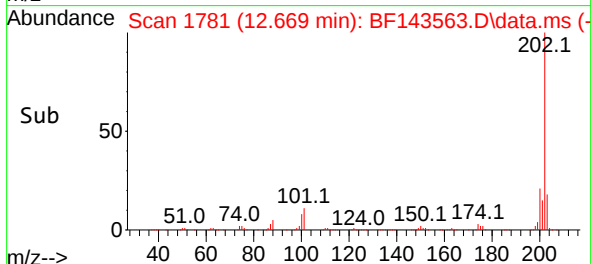
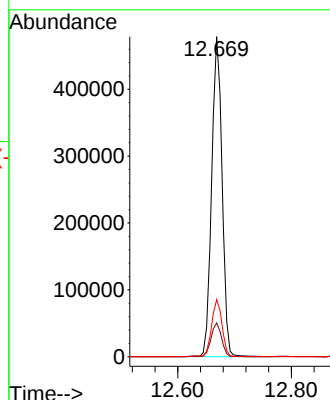
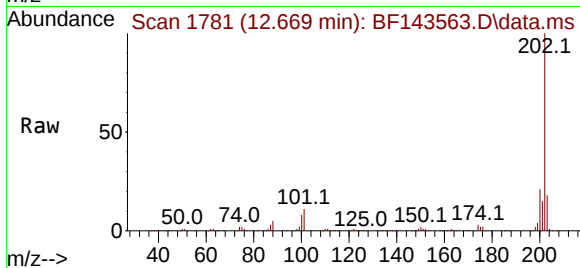
Tgt Ion:202 Resp: 605635

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.3

203 17.8 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: BF143563.D

Acq: 22 Aug 2025 10:29

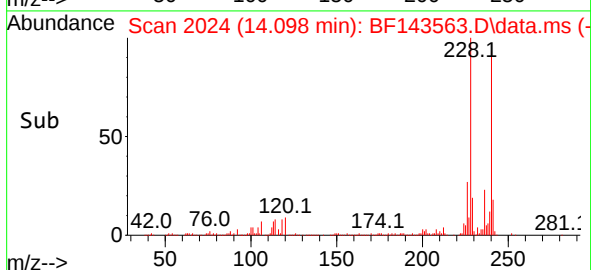
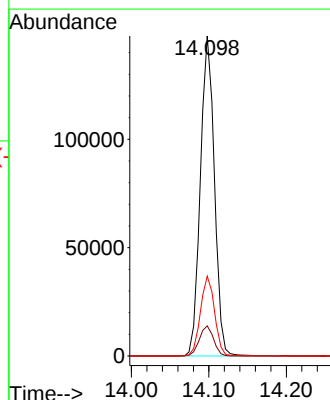
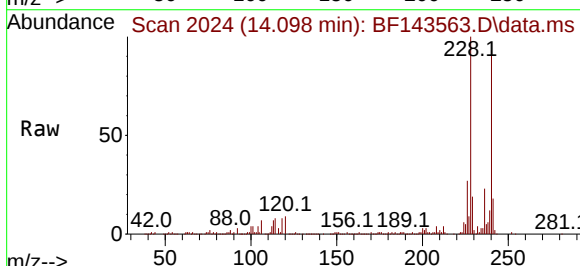
Tgt Ion:240 Resp: 185804

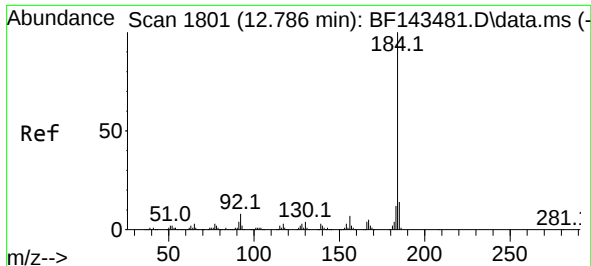
Ion Ratio Lower Upper

240 100

120 9.4 8.6 12.8

236 25.0 20.4 30.6

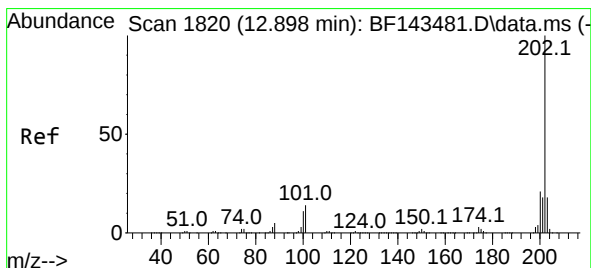
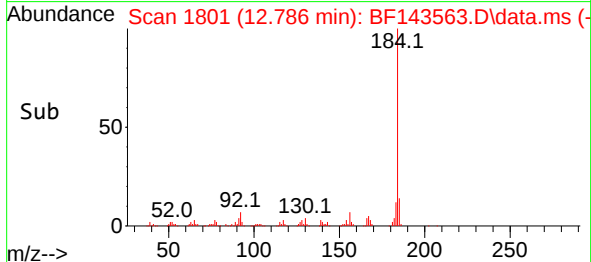
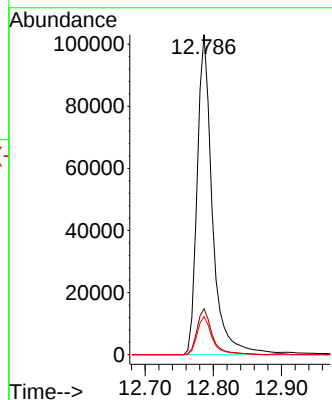
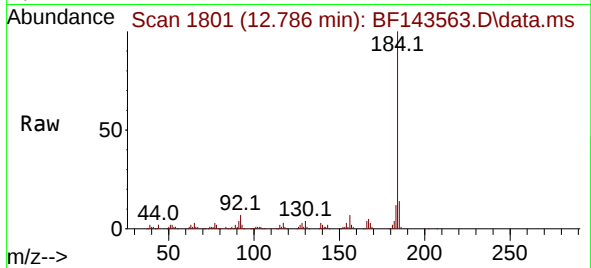




#77
Benzidine
Concen: 35.180 ng
RT: 12.786 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

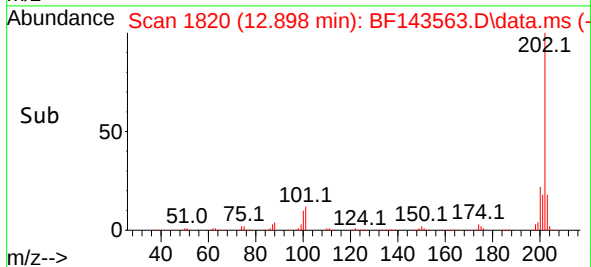
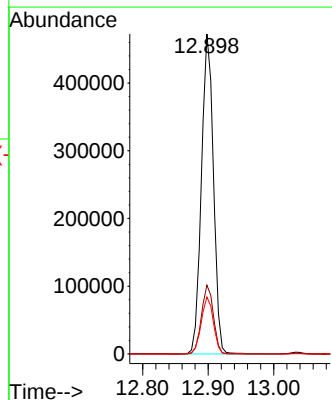
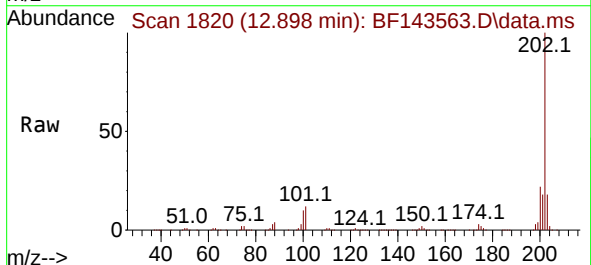
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

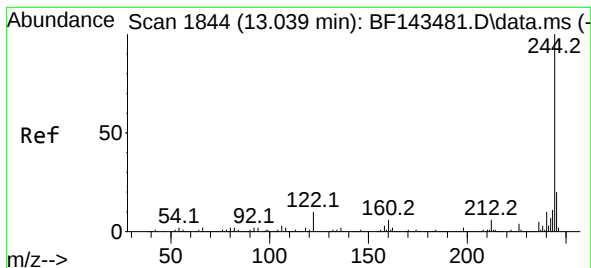
Tgt Ion:184 Resp: 159223
Ion Ratio Lower Upper
184 100
185 14.3 11.3 16.9
183 11.9 9.5 14.3



#78
Pyrene
Concen: 39.494 ng
RT: 12.898 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:202 Resp: 603623
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.4
203 17.8 14.3 21.5





#79

Terphenyl-d14

Concen: 81.092 ng

RT: 13.033 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF143563.D

Acq: 22 Aug 2025 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

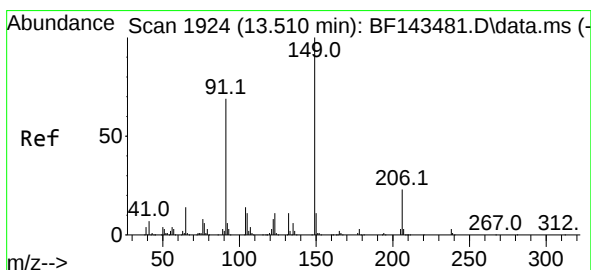
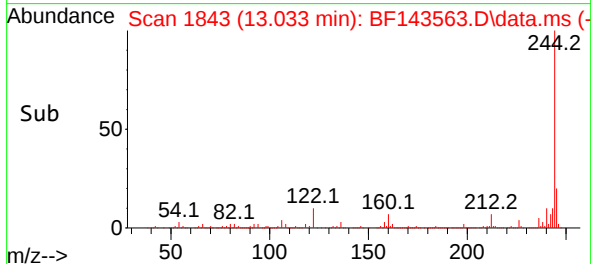
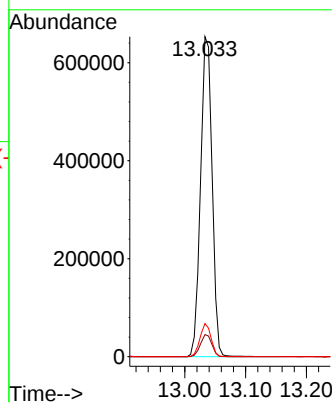
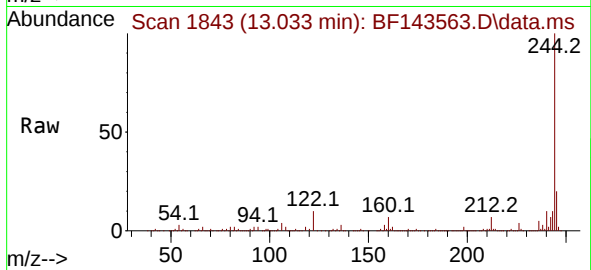
Tgt Ion:244 Resp: 863432

Ion Ratio Lower Upper

244 100

212 6.9 5.2 7.8

122 10.3 7.9 11.9



#80

Butylbenzylphthalate

Concen: 43.441 ng

RT: 13.510 min Scan# 1924

Delta R.T. -0.000 min

Lab File: BF143563.D

Acq: 22 Aug 2025 10:29

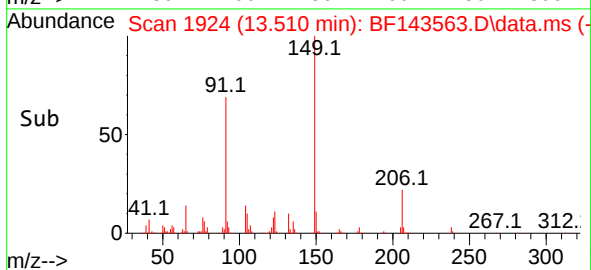
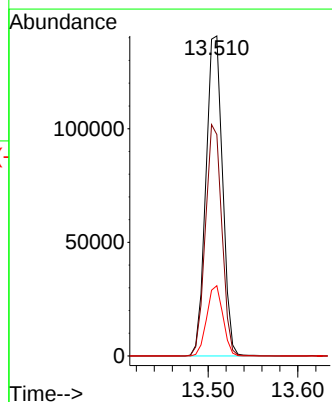
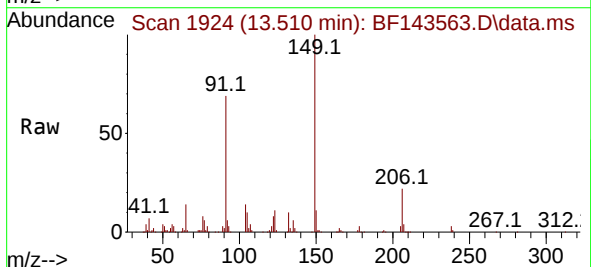
Tgt Ion:149 Resp: 181377

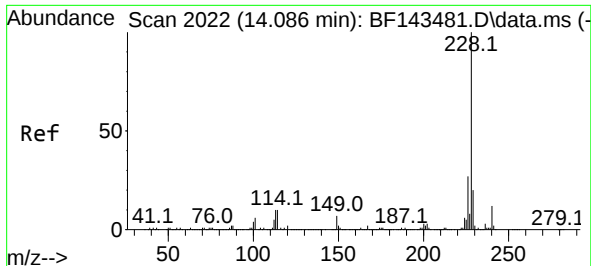
Ion Ratio Lower Upper

149 100

91 69.2 55.3 82.9

206 21.9 18.2 27.4

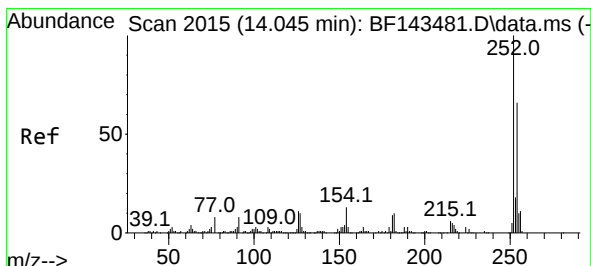
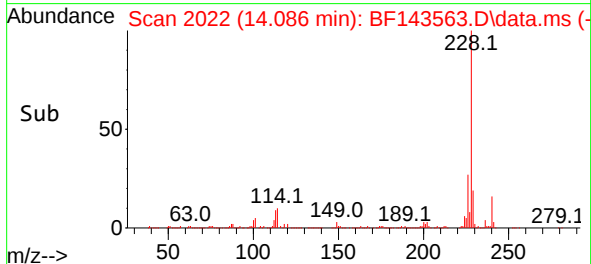
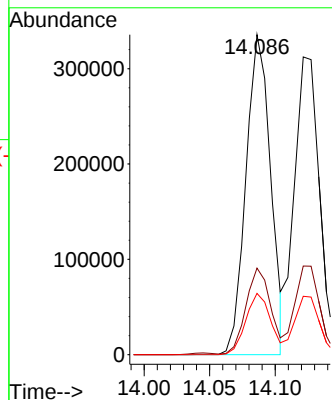
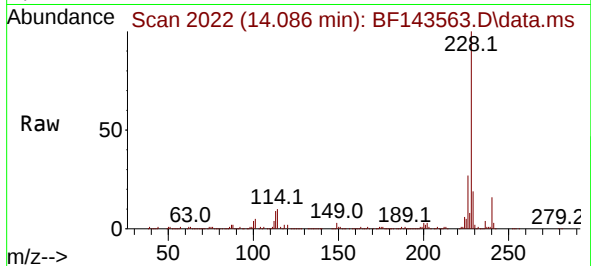




#81
Benzo(a)anthracene
Concen: 36.769 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

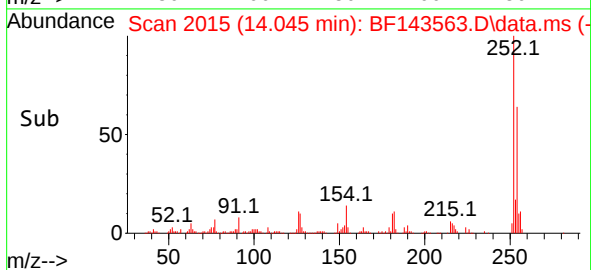
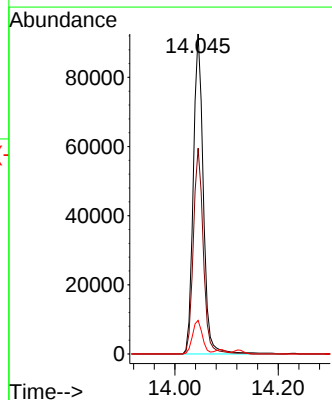
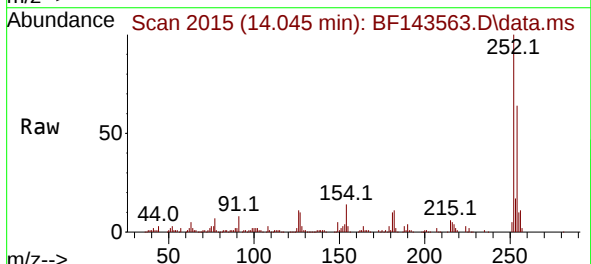
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

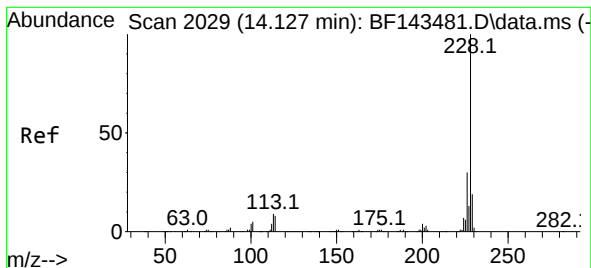
Tgt Ion:228 Resp: 439838
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.2 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 36.306 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:252 Resp: 124374
Ion Ratio Lower Upper
252 100
254 64.3 52.6 79.0
126 10.5 8.7 13.1





#83

Chrysene

Concen: 38.647 ng

RT: 14.121 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143563.D

Acq: 22 Aug 2025 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

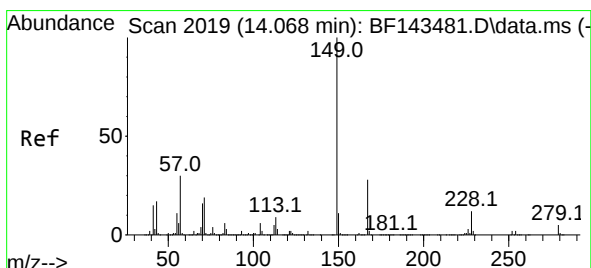
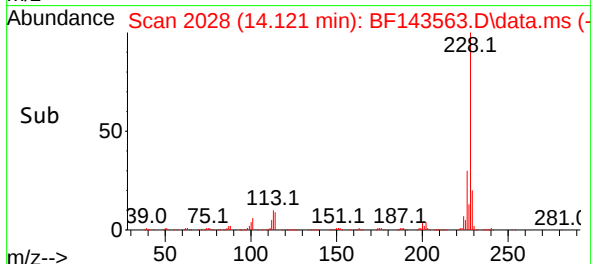
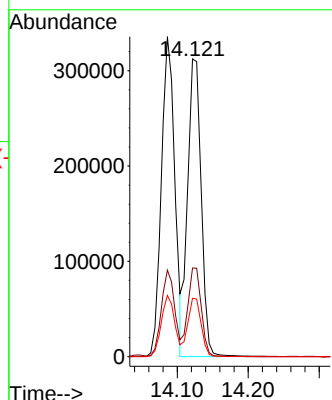
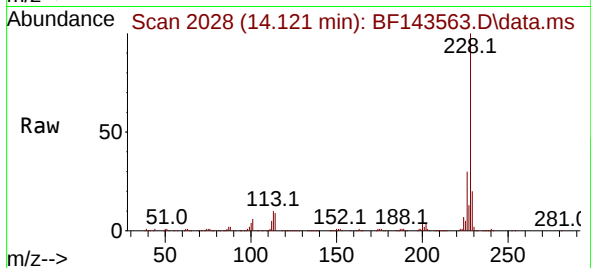
Tgt Ion:228 Resp: 415462

Ion Ratio Lower Upper

228 100

226 29.8 23.7 35.5

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.057 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF143563.D

Acq: 22 Aug 2025 10:29

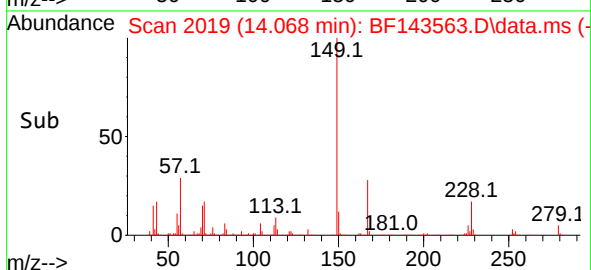
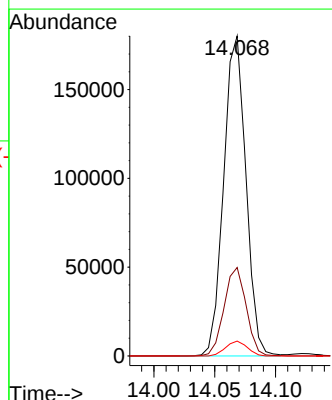
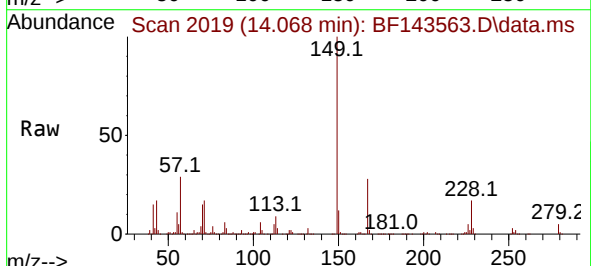
Tgt Ion:149 Resp: 229295

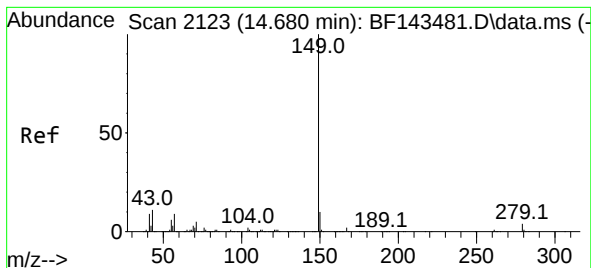
Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.2

279 4.7 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 35.168 ng

RT: 14.680 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BF143563.D

Acq: 22 Aug 2025 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

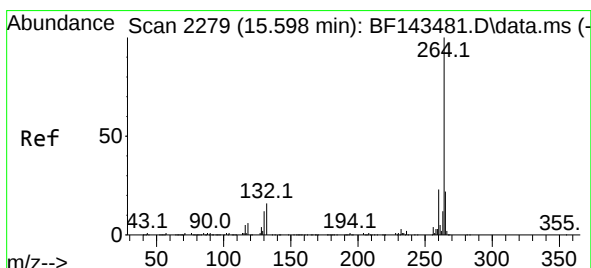
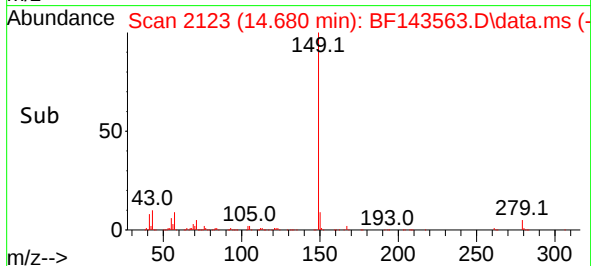
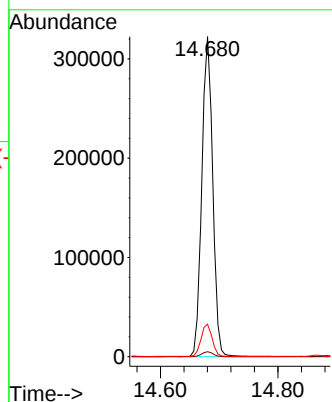
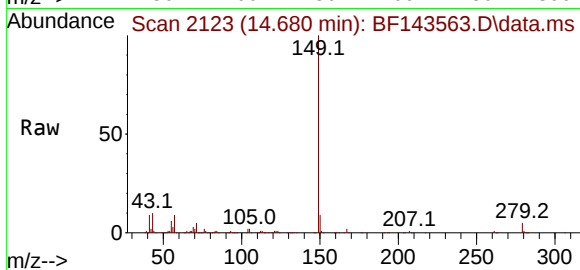
Tgt Ion:149 Resp: 414295

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: 15.598 min Scan# 2279

Delta R.T. -0.000 min

Lab File: BF143563.D

Acq: 22 Aug 2025 10:29

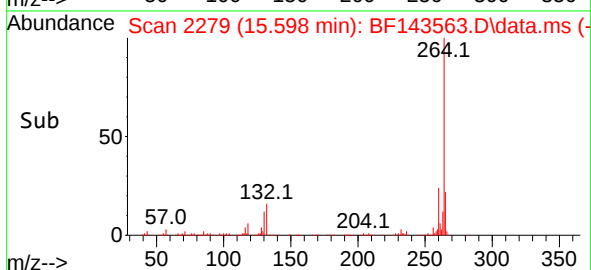
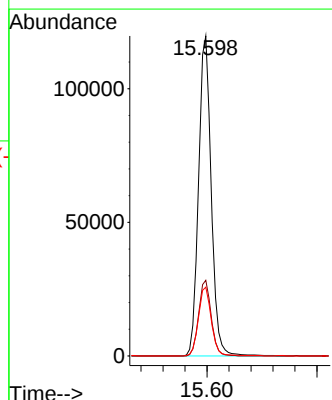
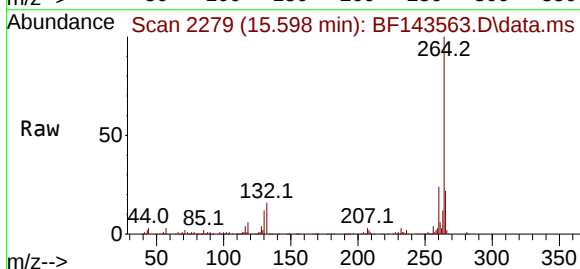
Tgt Ion:264 Resp: 191413

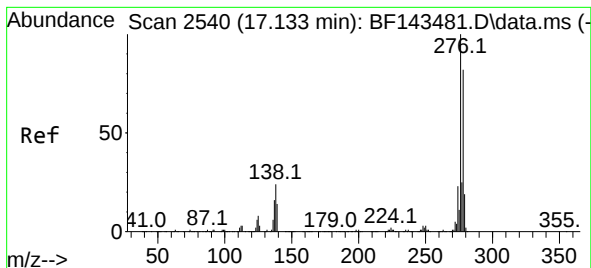
Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.5 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.705 ng

RT: 17.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143563.D

Acq: 22 Aug 2025 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

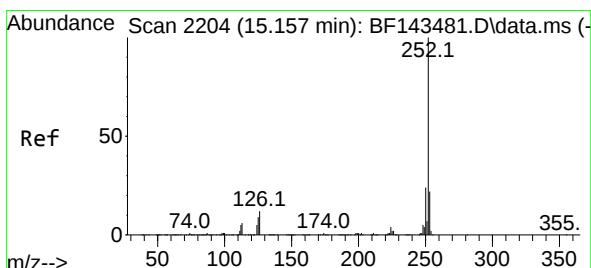
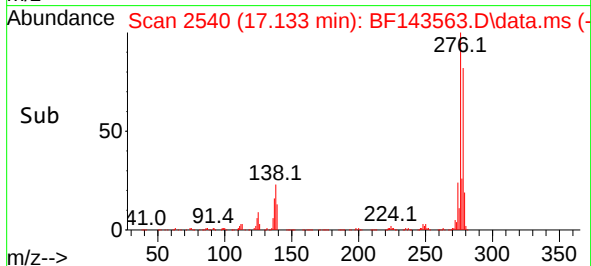
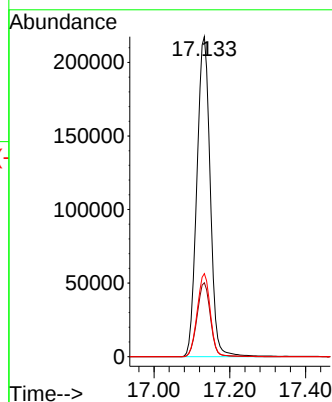
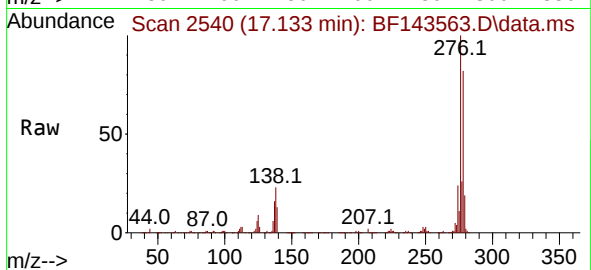
Tgt Ion:276 Resp: 532381

Ion Ratio Lower Upper

276 100

138 23.0 19.2 28.8

277 25.6 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 38.798 ng

RT: 15.157 min Scan# 2204

Delta R.T. -0.000 min

Lab File: BF143563.D

Acq: 22 Aug 2025 10:29

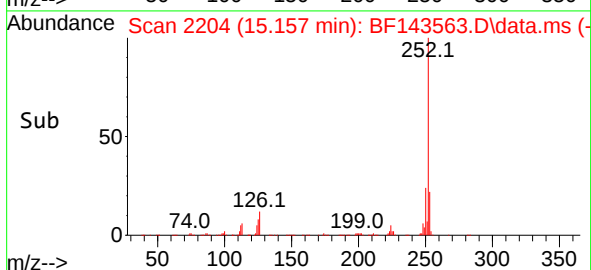
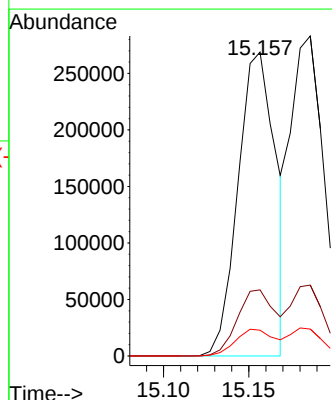
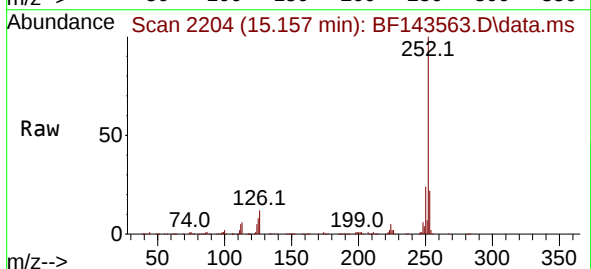
Tgt Ion:252 Resp: 412810

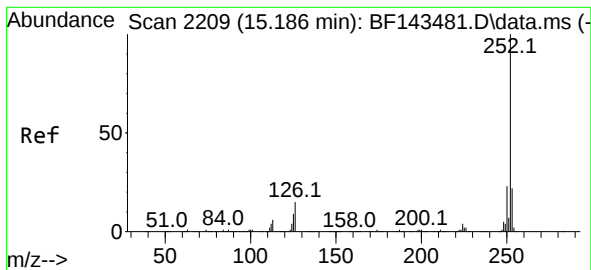
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 8.5 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 38.482 ng

RT: 15.186 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143563.D

Acq: 22 Aug 2025 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

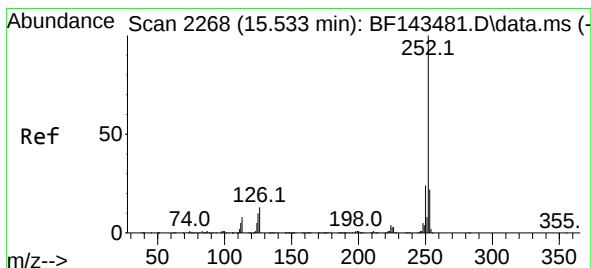
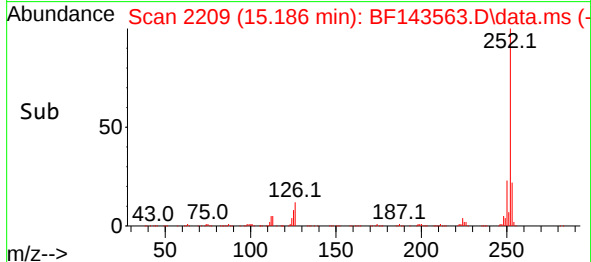
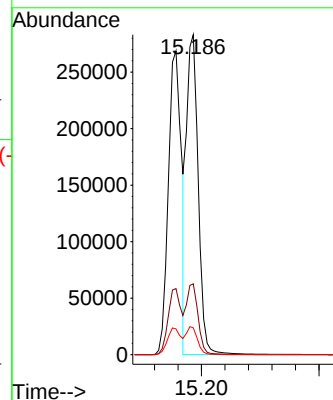
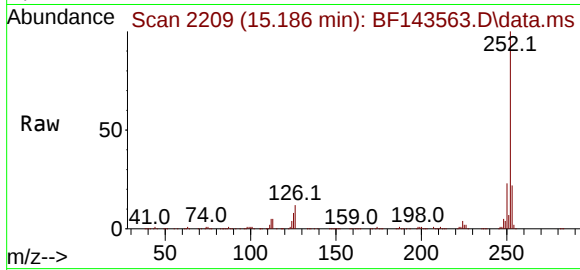
Tgt Ion:252 Resp: 392026

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 8.4 7.4 11.0



#90

Benzo(a)pyrene

Concen: 38.751 ng

RT: 15.533 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF143563.D

Acq: 22 Aug 2025 10:29

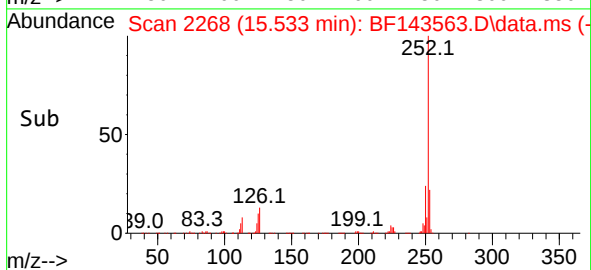
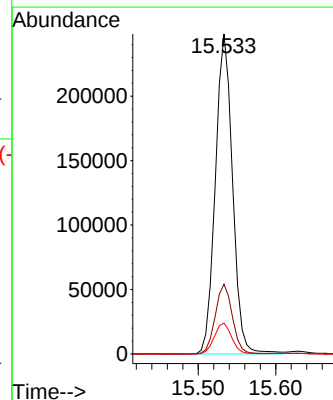
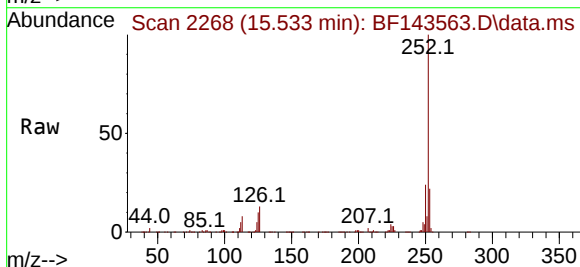
Tgt Ion:252 Resp: 382712

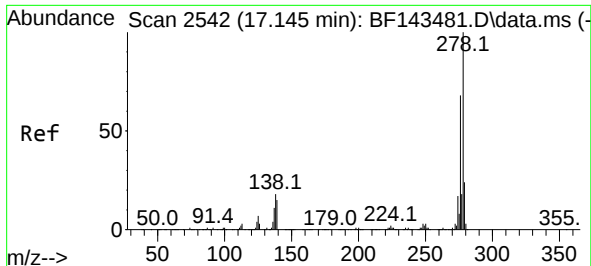
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 9.6 8.2 12.2

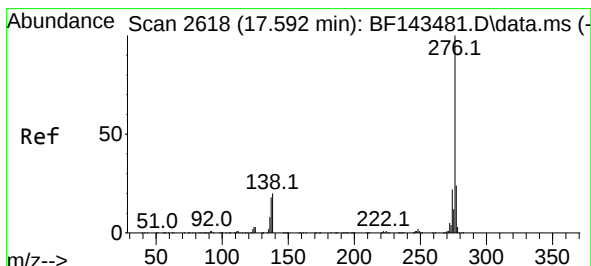
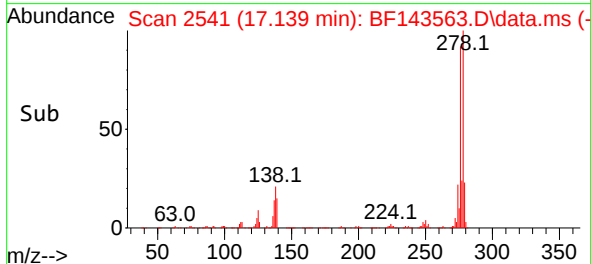
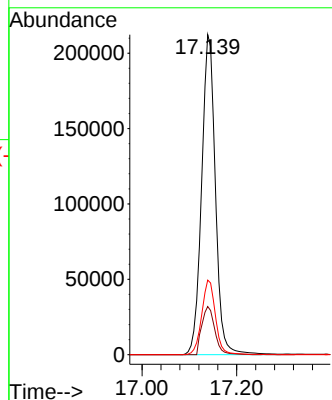
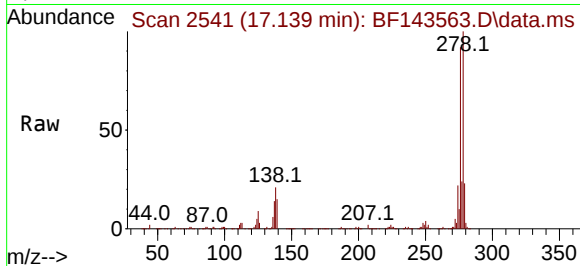




#91
 Dibenzo(a,h)anthracene
 Concen: 38.950 ng
 RT: 17.139 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF143563.D
 Acq: 22 Aug 2025 10:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:278 Resp: 429077
 Ion Ratio Lower Upper
 278 100
 139 15.1 12.1 18.1
 279 23.3 19.2 28.8



#92
 Benzo(g,h,i)perylene
 Concen: 38.561 ng
 RT: 17.592 min Scan# 2618
 Delta R.T. -0.012 min
 Lab File: BF143563.D
 Acq: 22 Aug 2025 10:29

Tgt Ion:276 Resp: 422396
 Ion Ratio Lower Upper
 276 100
 277 24.1 18.9 28.3
 138 20.7 16.3 24.5

