

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080625\
 Data File : BF143327.D
 Acq On : 06 Aug 2025 13:49
 Operator : RC/JU
 Sample : Q2763-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

Quant Time: Aug 06 14:07:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	74578	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	245612	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	106750	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	233983	20.000	ng	0.00
76) Chrysene-d12	14.133	240	209809	20.000	ng	0.01
86) Perylene-d12	15.639	264	172965	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	264439	56.111	ng	0.01
7) Phenol-d6	6.592	99	353169	59.537	ng	0.00
23) Nitrobenzene-d5	7.516	82	199294	40.447	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	91794	83.238	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	326625	41.845	ng	0.00
79) Terphenyl-d14	13.068	244	392101	27.810	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.851	88	80843	36.253	ng	99
3) Pyridine	3.622	79	205272	35.465	ng	98
4) n-Nitrosodimethylamine	3.557	42	106842	35.753	ng	100
6) Aniline	6.622	93	136298	16.487	ng	92
8) 2-Chlorophenol	6.751	128	166666	33.738	ng	98
9) Benzaldehyde	6.510	77	94347	21.211	ng	99
10) Phenol	6.604	94	217216	33.613	ng	100
11) bis(2-Chloroethyl)ether	6.692	93	186828	37.759	ng	96
12) 1,3-Dichlorobenzene	6.904	146	195006	36.339	ng	98
13) 1,4-Dichlorobenzene	6.981	146	194116	35.919	ng	100
14) 1,2-Dichlorobenzene	7.134	146	171469	33.359	ng	98
15) Benzyl Alcohol	7.098	79	141833	31.315	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	270222	29.441	ng	98
17) 2-Methylphenol	7.210	107	117551	28.301	ng	99
18) Hexachloroethane	7.475	117	61740	33.001	ng	97
19) n-Nitroso-di-n-propyla...	7.363	70	112430	29.542	ng	98
20) 3+4-Methylphenols	7.363	107	151333	30.030	ng	# 66
22) Acetophenone	7.363	105	210978	36.282	ng	96
24) Nitrobenzene	7.534	77	174403	37.965	ng	99
25) Isophorone	7.775	82	308576	35.475	ng	99
26) 2-Nitrophenol	7.857	139	79901	40.077	ng	98
27) 2,4-Dimethylphenol	7.892	122	134721	33.151	ng	99
28) bis(2-Chloroethoxy)met...	7.981	93	173537	33.275	ng	99
29) 2,4-Dichlorophenol	8.098	162	114064	33.282	ng	98
30) 1,2,4-Trichlorobenzene	8.181	180	141006	38.083	ng	99
31) Naphthalene	8.263	128	446226	36.890	ng	99
32) Benzoic acid	7.986	122	74437	34.187	ng	97
33) 4-Chloroaniline	8.310	127	82886	16.782	ng	98
34) Hexachlorobutadiene	8.386	225	82482	36.467	ng	99
35) Caprolactam	8.657	113	39686	38.320	ng	96
36) 4-Chloro-3-methylphenol	8.792	107	119590	32.104	ng	98
37) 2-Methylnaphthalene	8.957	142	253530	34.444	ng	99
38) 1-Methylnaphthalene	9.057	142	254457	33.571	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	128981	41.850	ng	99
41) Hexachlorocyclopentadiene	9.110	237	49167	24.518	ng	98
43) 2,4,6-Trichlorophenol	9.233	196	79718	37.374	ng	100

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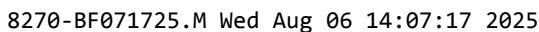
Instrument :
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Quant Time: Aug 06 14:07:06 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	81343	38.124	ng	99
46) 1,1'-Biphenyl	9.416	154	318160	38.201	ng	100
47) 2-Chloronaphthalene	9.445	162	237809	38.589	ng	99
48) 2-Nitroaniline	9.533	65	81542	42.194	ng	98
49) Acenaphthylene	9.863	152	392538	38.009	ng	99
50) Dimethylphthalate	9.710	163	279310	40.141	ng	99
51) 2,6-Dinitrotoluene	9.775	165	57749	40.797	ng	94
52) Acenaphthene	10.033	154	262424	42.992	ng	97
53) 3-Nitroaniline	9.939	138	53037	32.033	ng	99
54) 2,4-Dinitrophenol	10.051	184	30111	49.689	ng	# 1
55) Dibenzofuran	10.204	168	367803	40.585	ng	99
56) 4-Nitrophenol	10.104	139	121114	97.960	ng	98
57) 2,4-Dinitrotoluene	10.175	165	89024	50.129	ng	96
58) Fluorene	10.545	166	292587	43.017	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	72678	41.121	ng	# 98
60) Diethylphthalate	10.410	149	293067	42.612	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	141377	41.744	ng	99
62) 4-Nitroaniline	10.551	138	61922	43.638	ng	98
63) Azobenzene	10.698	77	297823	41.549	ng	95
65) 4,6-Dinitro-2-methylph...	10.586	198	22101	21.399	ng	99
66) n-Nitrosodiphenylamine	10.651	169	240327	29.168	ng	99
67) 4-Bromophenyl-phenylether	11.027	248	87141	31.251	ng	100
68) Hexachlorobenzene	11.104	284	95012	32.600	ng	97
69) Atrazine	11.180	200	78523	34.569	ng	99
70) Pentachlorophenol	11.292	266	114965	67.075	ng	97
71) Phenanthrene	11.516	178	572216	46.058	ng	100
72) Anthracene	11.563	178	489982	38.670	ng	99
73) Carbazole	11.716	167	421515	38.097	ng	100
74) Di-n-butylphthalate	12.045	149	525162	41.949	ng	99
75) Fluoranthene	12.704	202	669684	58.727	ng	100
77) Benzidine	12.816	184	120294	14.882	ng	99
78) Pyrene	12.933	202	661606	36.949	ng	99
80) Butylbenzylphthalate	13.545	149	226281	41.269	ng	97
81) Benzo(a)anthracene	14.121	228	645019	45.919	ng	100
82) 3,3'-Dichlorobenzidine	14.080	252	141195	30.159	ng	98
83) Chrysene	14.157	228	590950	46.792	ng	99
84) Bis(2-ethylhexyl)phtha...	14.104	149	480756	57.928	ng	99
85) Di-n-octyl phthalate	14.715	149	529402	35.192	ng	99
87) Indeno(1,2,3-cd)pyrene	17.192	276	403832	33.111	ng	100
88) Benzo(b)fluoranthene	15.198	252	619701	58.647	ng	98
89) Benzo(k)fluoranthene	15.227	252	440982	46.768	ng	98
90) Benzo(a)pyrene	15.580	252	482399	49.551	ng	99
91) Dibenzo(a,h)anthracene	17.203	278	297327	29.951	ng	98
92) Benzo(g,h,i)perylene	17.656	276	281218	29.285	ng	99

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

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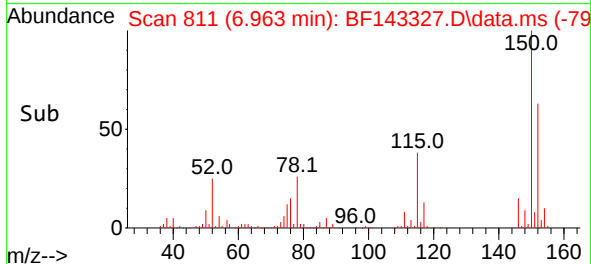
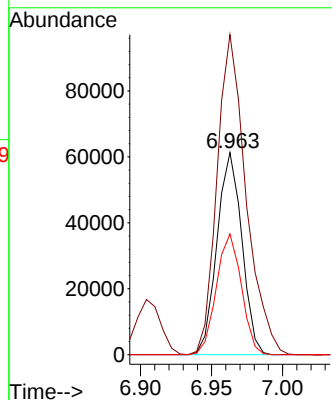
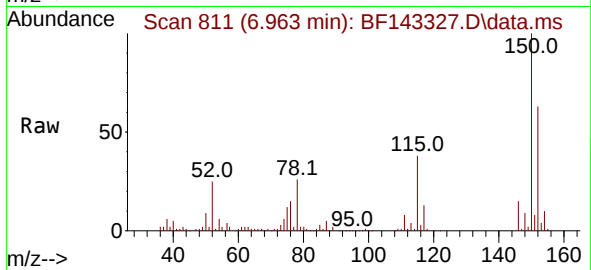




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF143327.D
 Acq: 06 Aug 2025 13:49

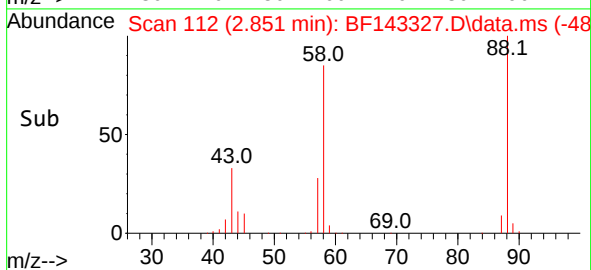
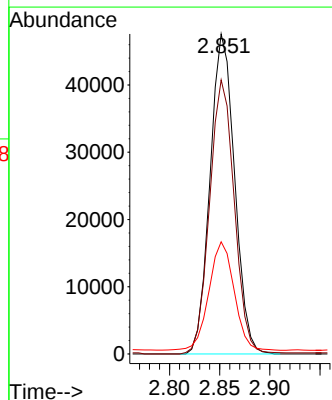
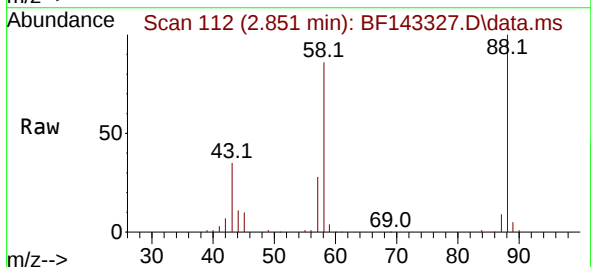
Instrument :
 BNA_F
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 TP-2MS

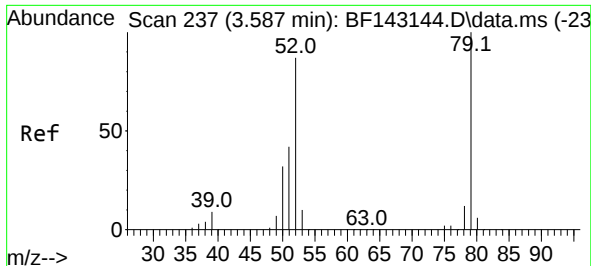
Tgt Ion:152 Resp: 74578
 Ion Ratio Lower Upper
 152 100
 150 158.4 128.2 192.4
 115 59.7 47.9 71.9



#2
 1,4-Dioxane
 Concen: 36.253 ng
 RT: 2.851 min Scan# 112
 Delta R.T. 0.029 min
 Lab File: BF143327.D
 Acq: 06 Aug 2025 13:49

Tgt Ion: 88 Resp: 80843
 Ion Ratio Lower Upper
 88 100
 58 86.6 70.2 105.2
 43 35.0 27.1 40.7





#3

Pyridine

Concen: 35.465 ng

RT: 3.622 min Scan# 24

Delta R.T. 0.035 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

Instrument :

BNA_F

ClientSampleId :

TP-2MS

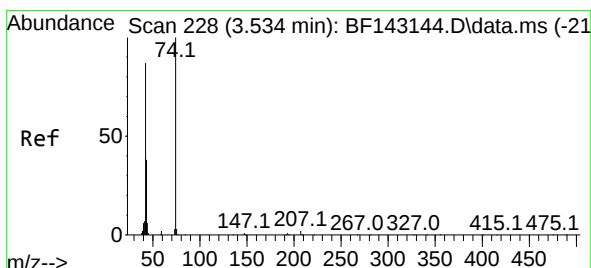
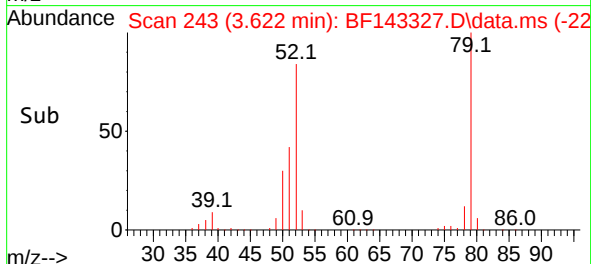
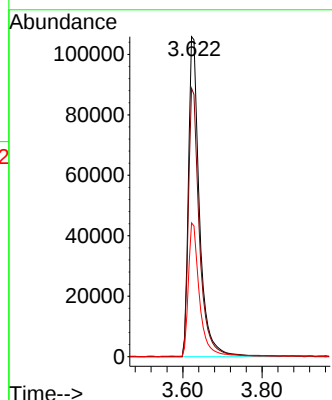
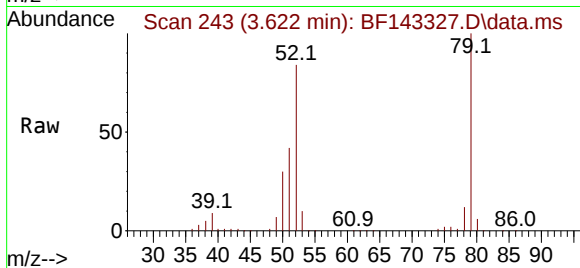
Tgt Ion: 79 Resp: 205272

Ion Ratio Lower Upper

79 100

52 83.8 69.4 104.2

51 41.8 33.5 50.3



#4

n-Nitrosodimethylamine

Concen: 35.753 ng

RT: 3.557 min Scan# 232

Delta R.T. 0.023 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

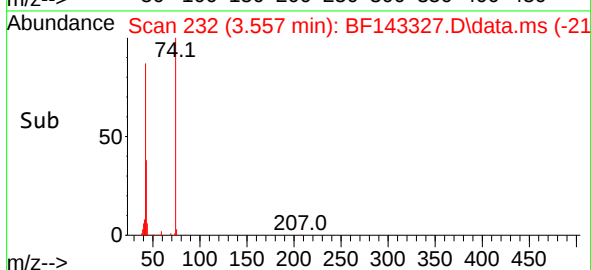
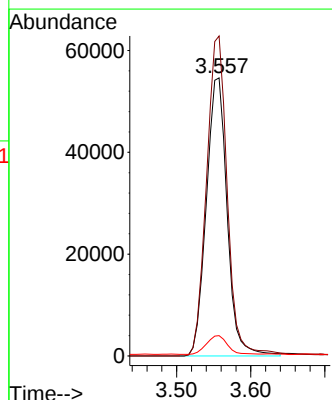
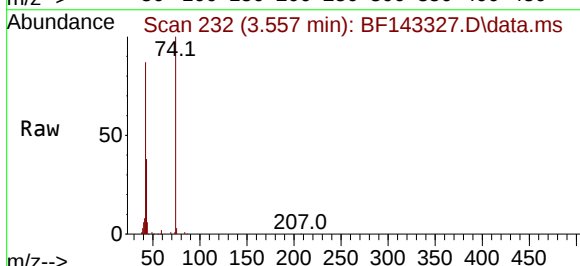
Tgt Ion: 42 Resp: 106842

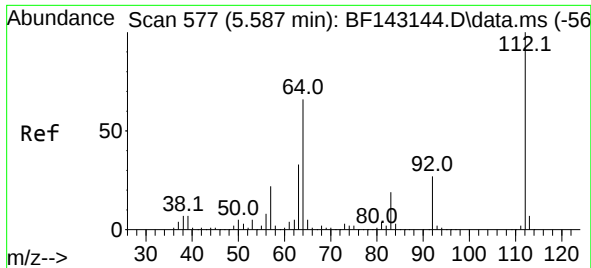
Ion Ratio Lower Upper

42 100

74 115.1 91.7 137.5

44 7.3 5.6 8.4

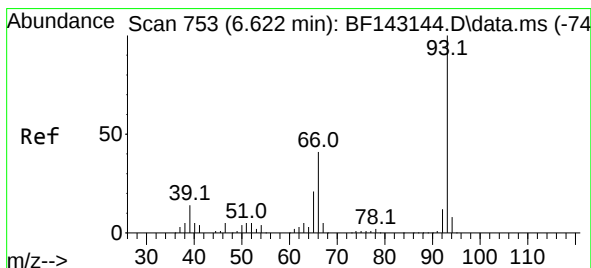
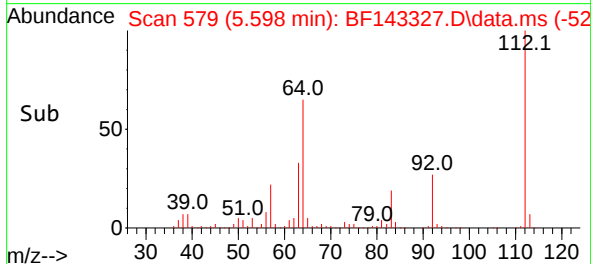
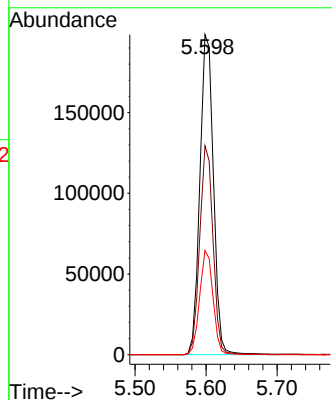
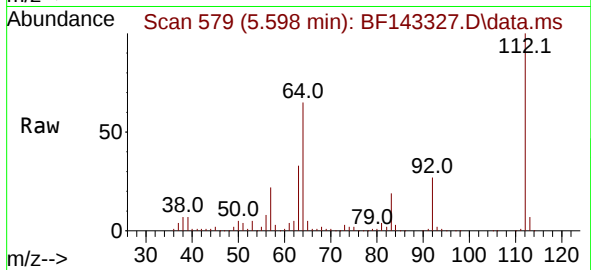




#5
2-Fluorophenol
Concen: 56.111 ng
RT: 5.598 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

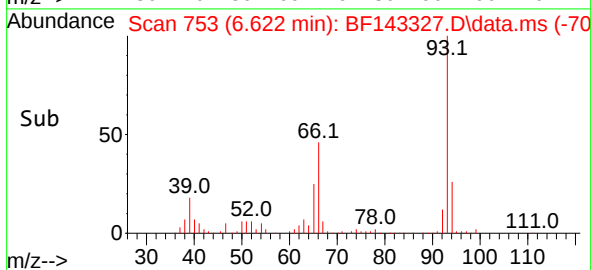
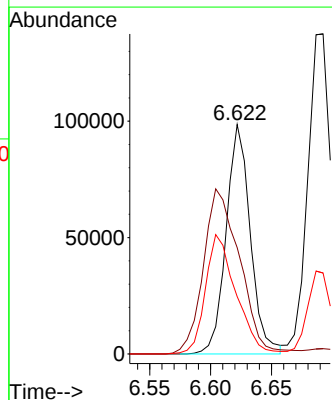
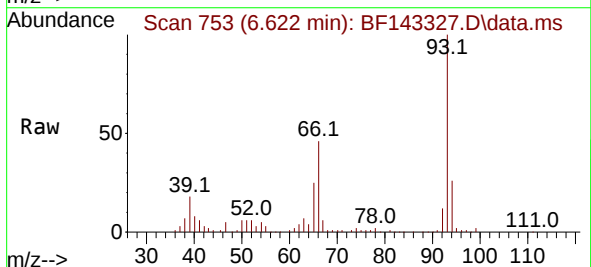
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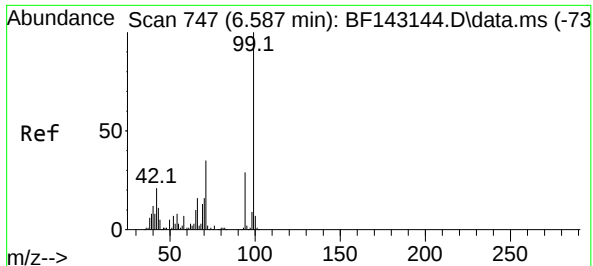
Tgt Ion:112 Resp: 264439
Ion Ratio Lower Upper
112 100
64 65.3 53.1 79.7
63 32.5 26.6 40.0



#6
Aniline
Concen: 16.487 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

Tgt Ion: 93 Resp: 136298
Ion Ratio Lower Upper
93 100
66 46.4 33.2 49.8
65 25.0 16.9 25.3

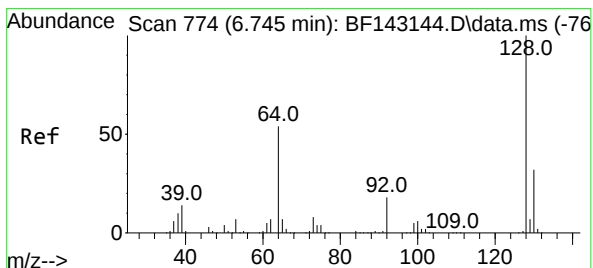
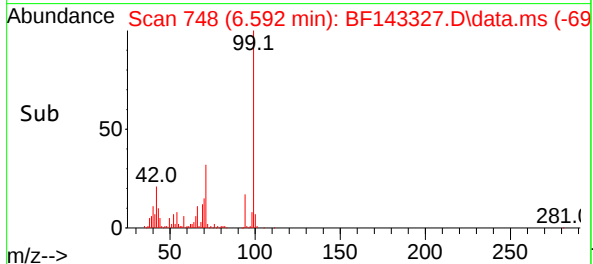
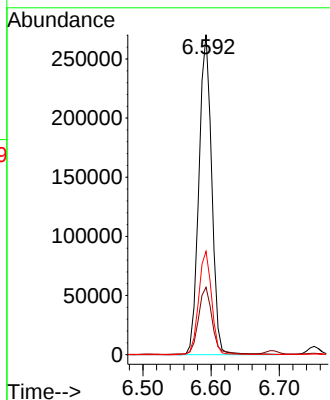
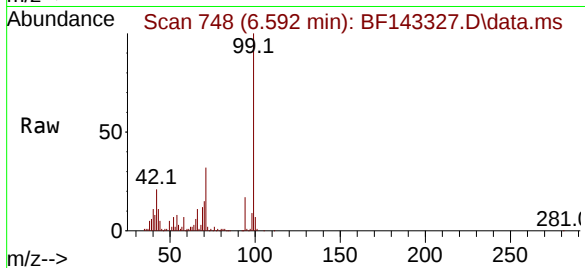




#7
Phenol-d6
Concen: 59.537 ng
RT: 6.592 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

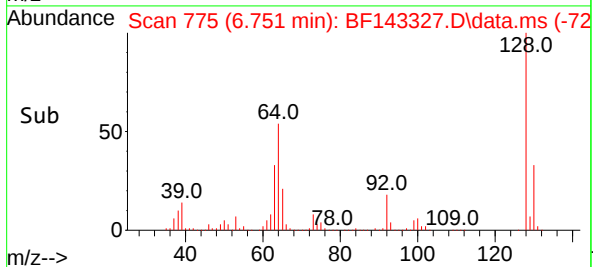
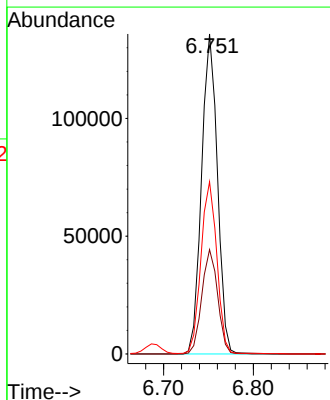
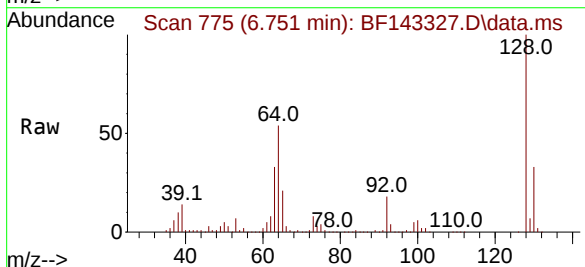
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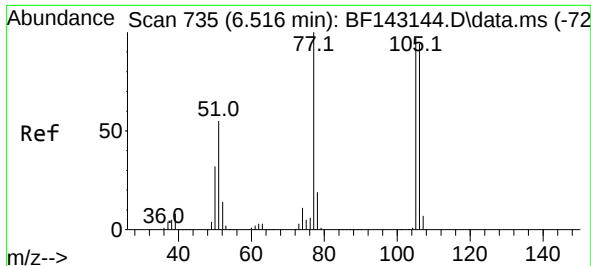
Tgt Ion: 99 Resp: 353169
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 32.3 27.7 41.5



#8
2-Chlorophenol
Concen: 33.738 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

Tgt Ion: 128 Resp: 166666
Ion Ratio Lower Upper
128 100
130 32.6 12.3 52.3
64 53.8 35.9 75.9





#9

Benzaldehyde

Concen: 21.211 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

Instrument :

BNA_F

ClientSampleId :

TP-2MS

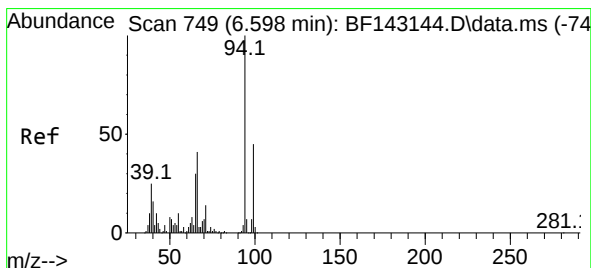
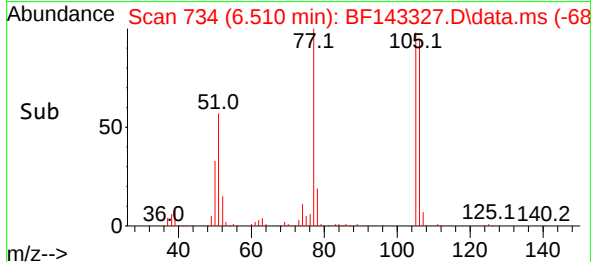
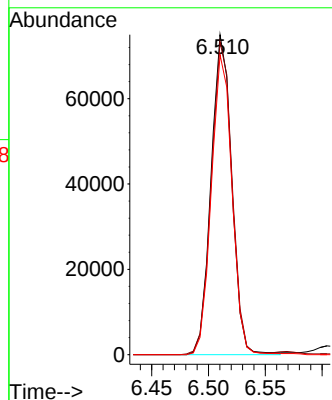
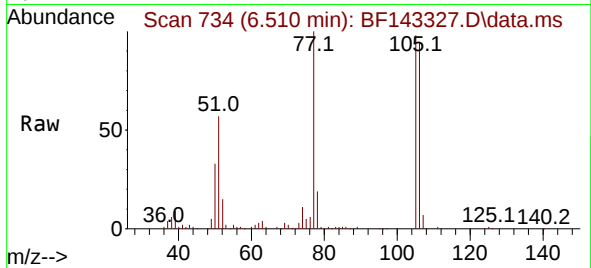
Tgt Ion: 77 Resp: 94347

Ion Ratio Lower Upper

77 100

105 97.8 76.8 116.8

106 93.7 74.4 114.4



#10

Phenol

Concen: 33.613 ng

RT: 6.604 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

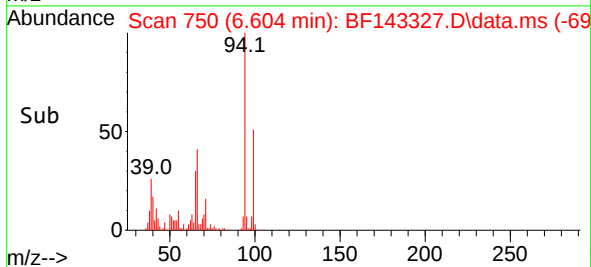
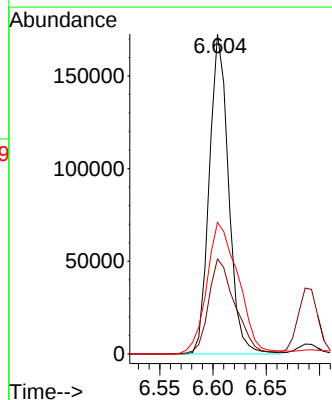
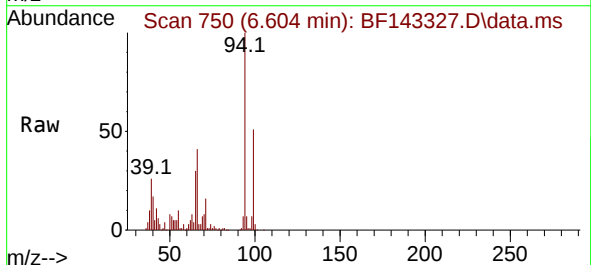
Tgt Ion: 94 Resp: 217216

Ion Ratio Lower Upper

94 100

65 29.7 10.0 50.0

66 41.1 20.8 60.8





#11

bis(2-Chloroethyl)ether

Concen: 37.759 ng

RT: 6.692 min Scan# 765

Delta R.T. -0.000 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

Instrument :

BNA_F

ClientSampleId :

TP-2MS

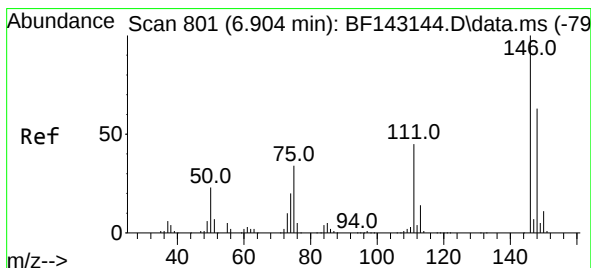
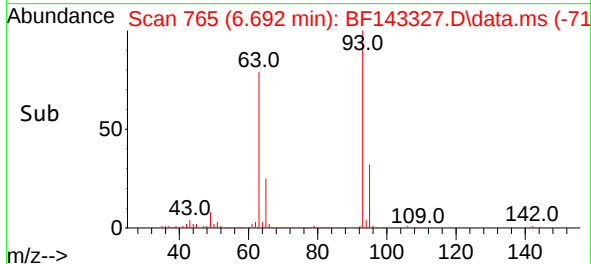
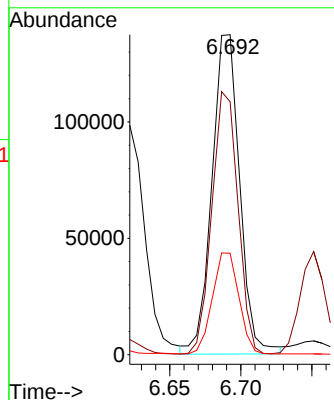
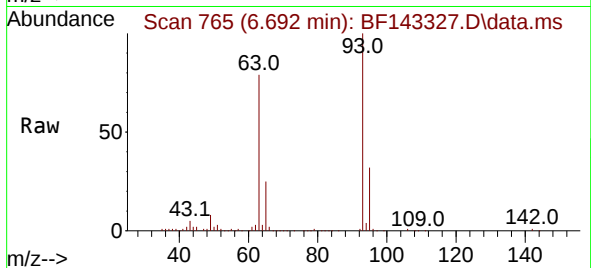
Tgt Ion: 93 Resp: 186828

Ion Ratio Lower Upper

93 100

63 79.1 63.4 103.4

95 31.7 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 36.339 ng

RT: 6.904 min Scan# 801

Delta R.T. -0.000 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

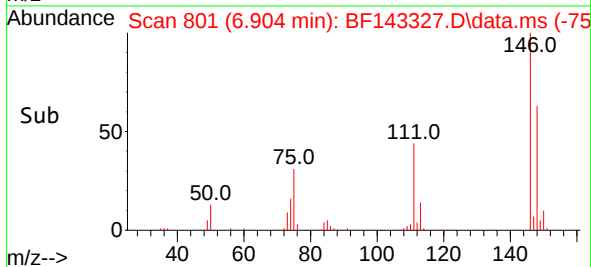
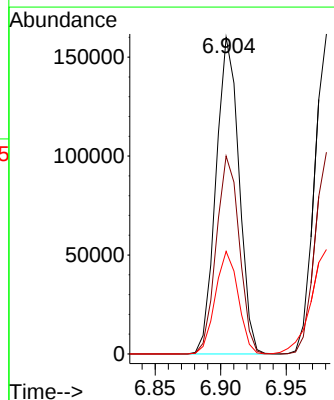
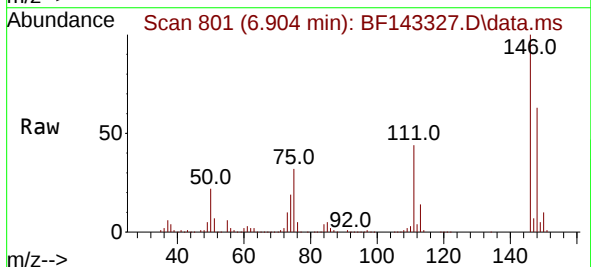
Tgt Ion: 146 Resp: 195006

Ion Ratio Lower Upper

146 100

148 62.5 50.6 76.0

75 32.4 27.4 41.2

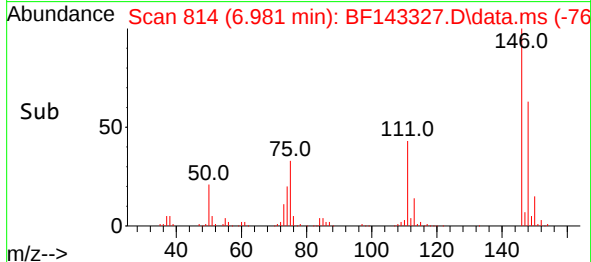
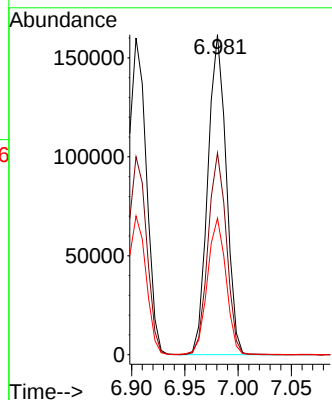
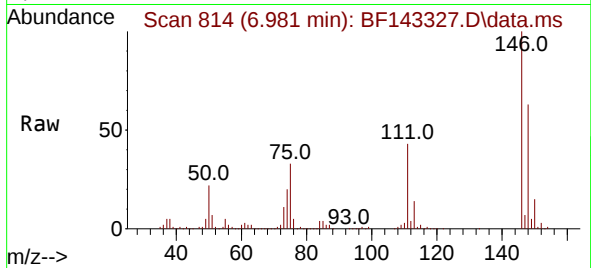




#13
1,4-Dichlorobenzene
Concen: 35.919 ng
RT: 6.981 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

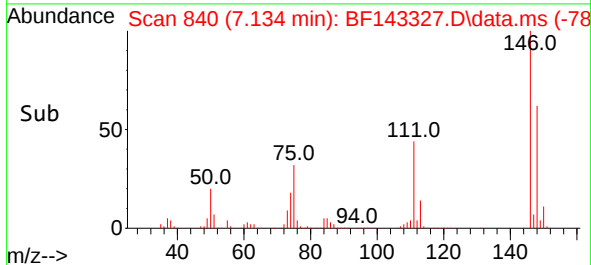
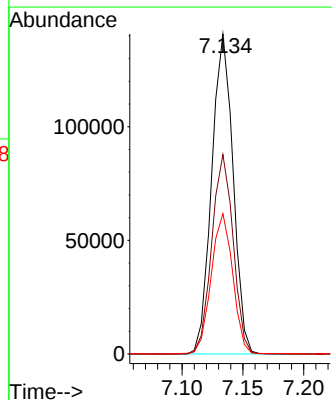
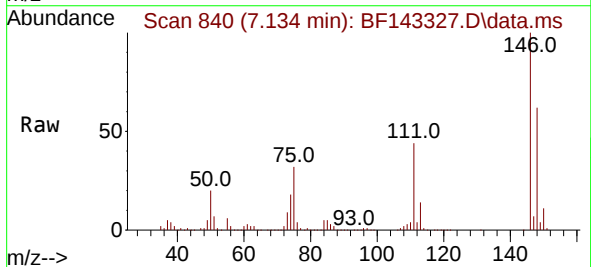
Instrument :
BNA_F
ClientSampleId :
TP-2MS

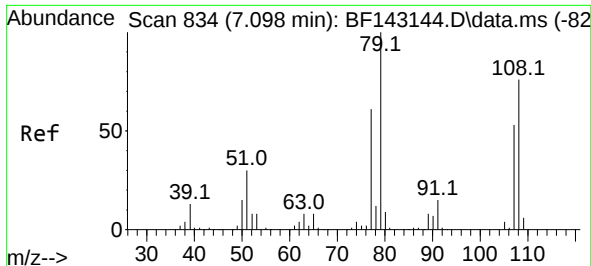
Tgt Ion:146 Resp: 194116
Ion Ratio Lower Upper
146 100
148 63.1 50.3 75.5
111 42.6 34.4 51.6



#14
1,2-Dichlorobenzene
Concen: 33.359 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

Tgt Ion:146 Resp: 171469
Ion Ratio Lower Upper
146 100
148 62.3 50.7 76.1
111 43.9 36.6 54.8

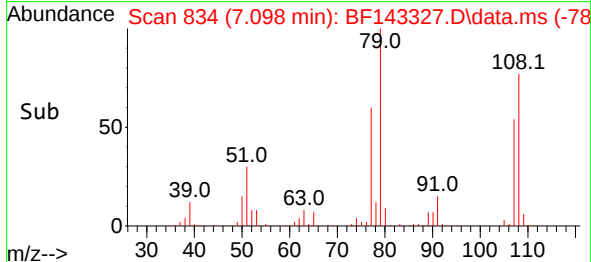
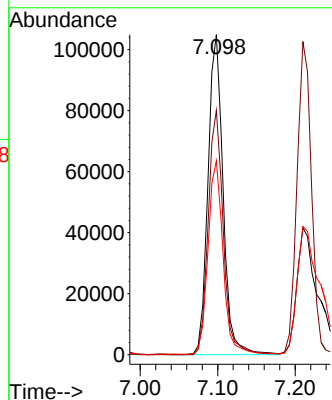
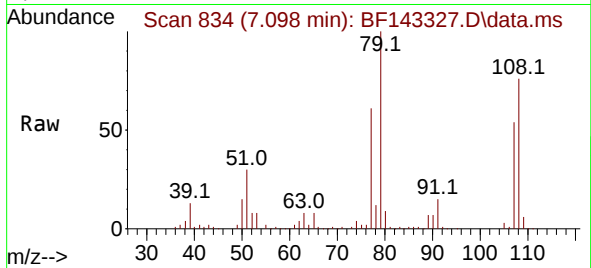




#15
Benzyl Alcohol
Concen: 31.315 ng
RT: 7.098 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

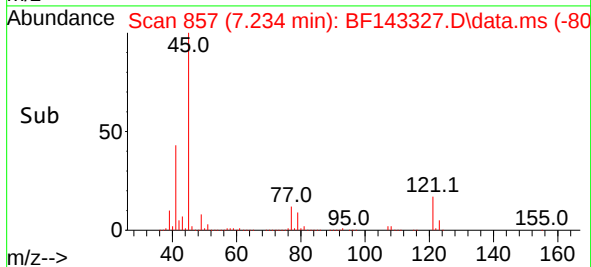
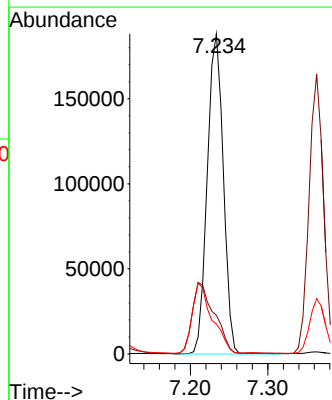
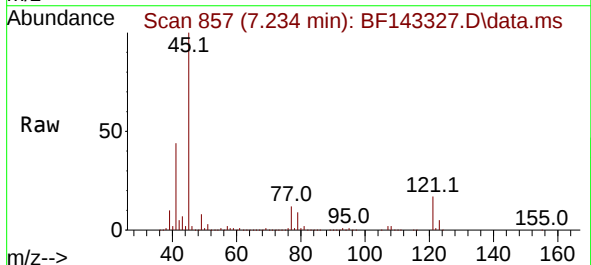
Instrument :
BNA_F
ClientSampleId :
TP-2MS

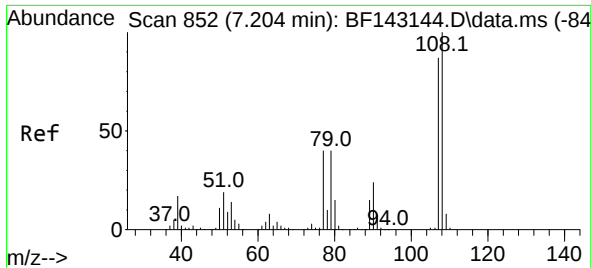
Tgt Ion: 79 Resp: 141833
Ion Ratio Lower Upper
79 100
108 76.4 61.1 91.7
77 60.6 48.9 73.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 29.441 ng
RT: 7.234 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

Tgt Ion: 45 Resp: 270222
Ion Ratio Lower Upper
45 100
77 12.1 0.0 31.2
79 9.3 0.0 28.5



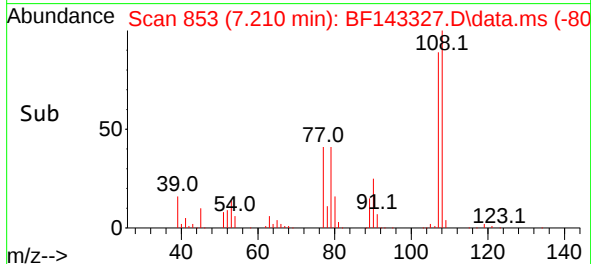
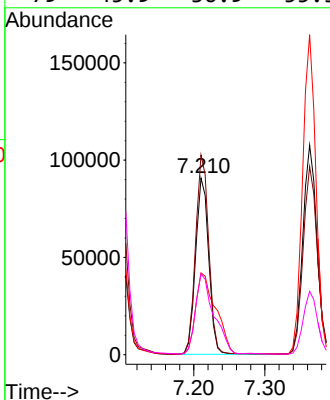
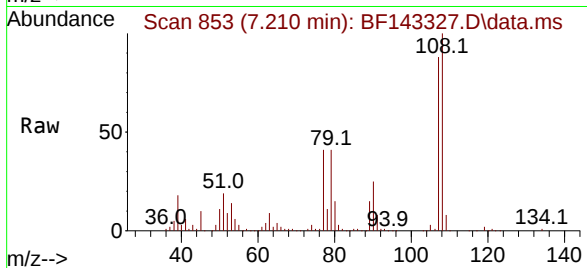


#17
2-Methylphenol
Concen: 28.301 ng
RT: 7.210 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tgt Ion:107 Resp: 117551

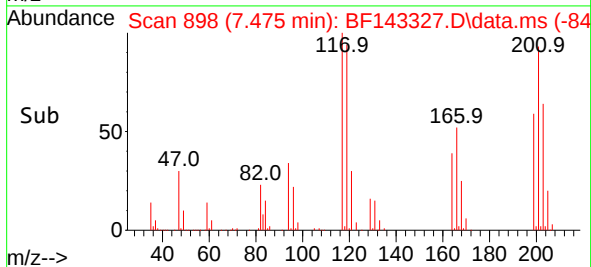
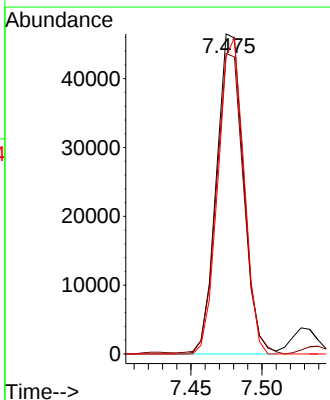
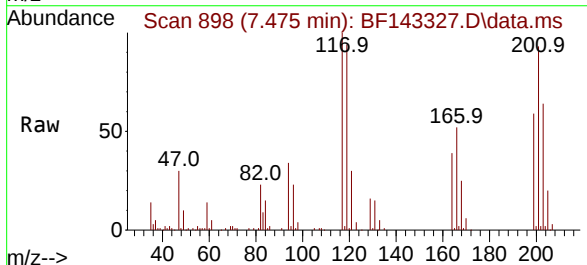
Ion	Ratio	Lower	Upper
107	100		
108	113.1	91.8	137.6
77	46.3	37.0	55.6
79	45.9	36.9	55.3



#18
Hexachloroethane
Concen: 33.001 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

Tgt Ion:117 Resp: 61740

Ion	Ratio	Lower	Upper
117	100		
119	93.9	77.8	116.8
201	93.2	77.0	115.4

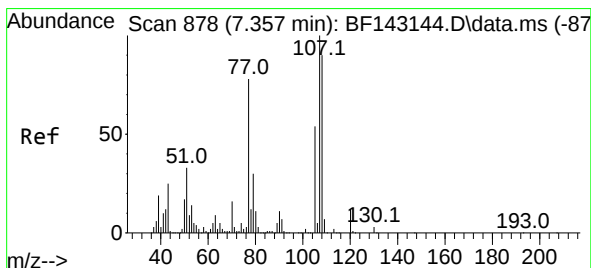
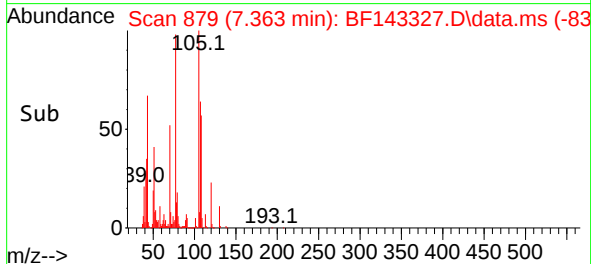
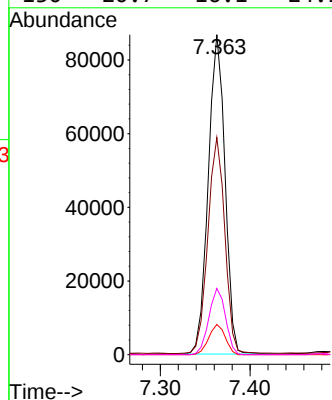
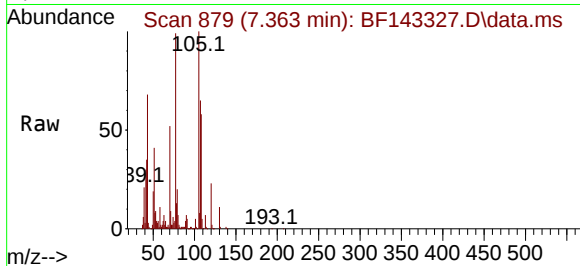




#19
n-Nitroso-di-n-propylamine
Concen: 29.542 ng
RT: 7.363 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

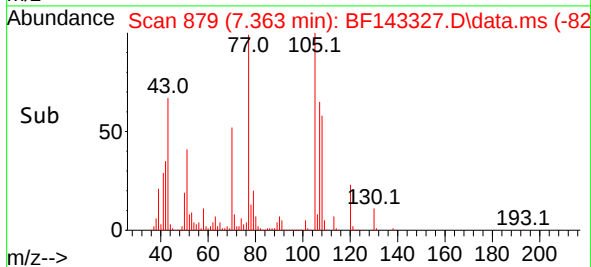
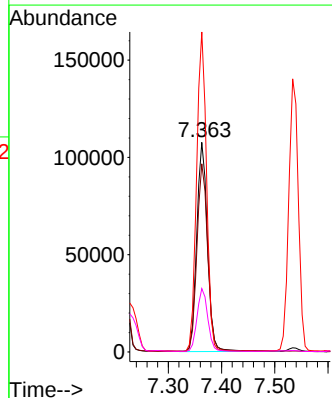
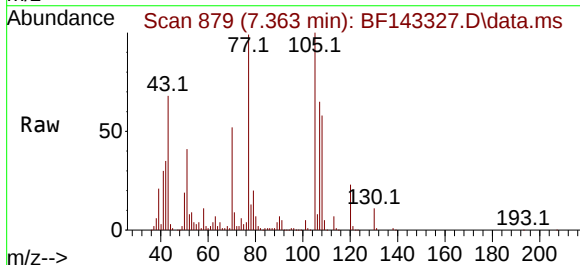
Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tgt Ion:	70	Resp:	112430
Ion	Ratio	Lower	Upper
70	100		
42	67.8	52.5	78.7
101	9.5	7.6	11.4
130	20.7	16.1	24.1



#20
3+4-Methylphenols
Concen: 30.030 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

Tgt Ion:	107	Resp:	151333
Ion	Ratio	Lower	Upper
107	100		
108	89.7	70.0	110.0
77	152.6	57.8	97.8#
79	30.2	9.5	49.5

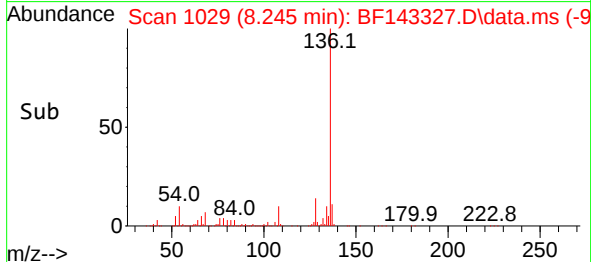
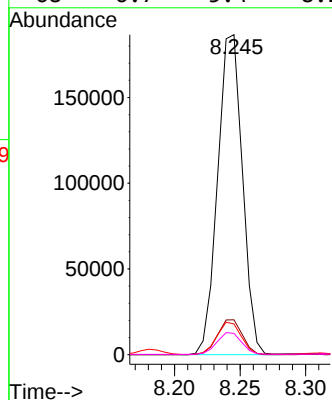
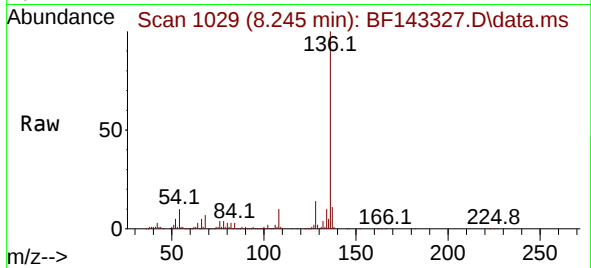




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

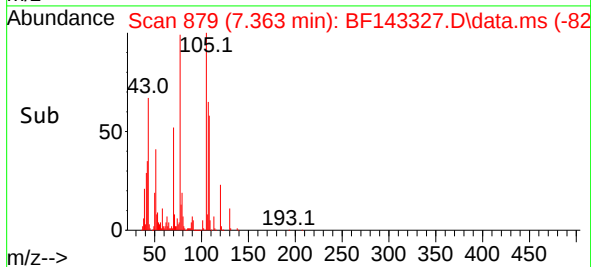
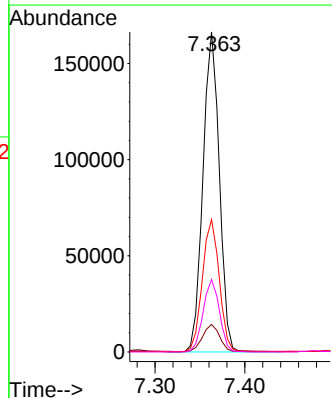
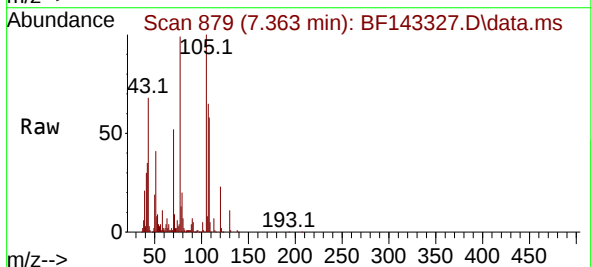
Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tgt Ion:	136	Resp:	245612
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.6	8.2	12.2
68	6.7	5.4	8.2



#22
Acetophenone
Concen: 36.282 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

Tgt Ion:	105	Resp:	210978
Ion	Ratio	Lower	Upper
105	100		
71	8.6	5.8	8.6
51	41.4	30.2	45.2
120	22.6	18.2	27.4

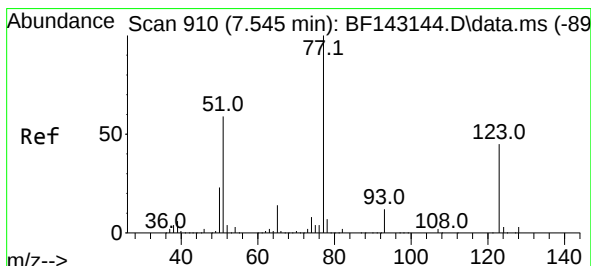
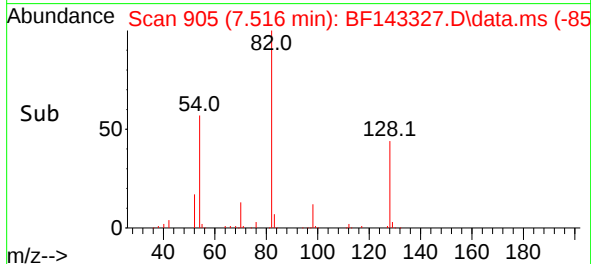
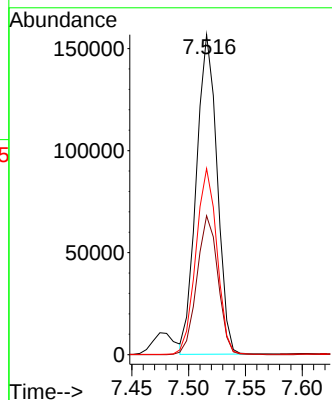
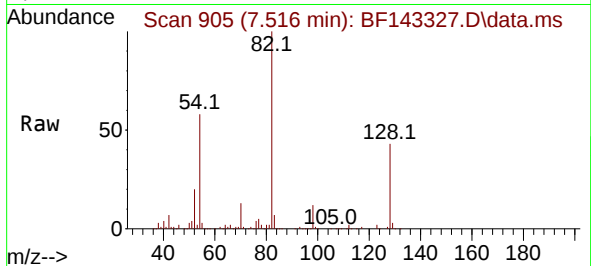




#23
Nitrobenzene-d5
Concen: 40.447 ng
RT: 7.516 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

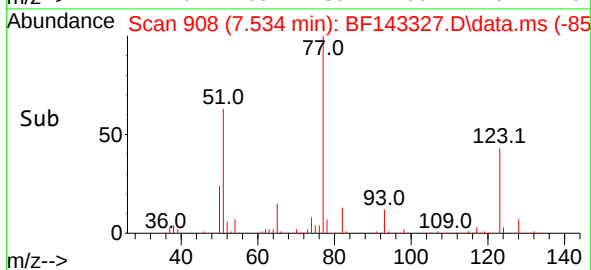
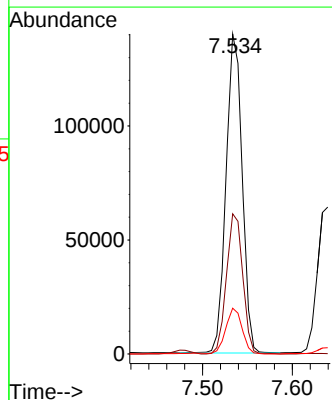
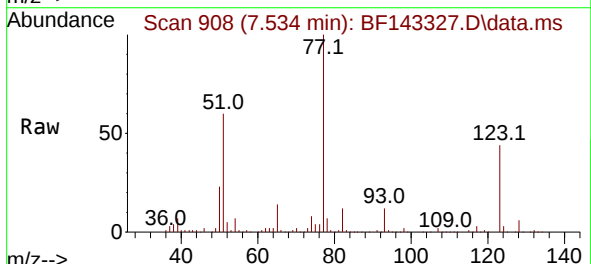
Instrument :
BNA_F
ClientSampleId :
TP-2MS

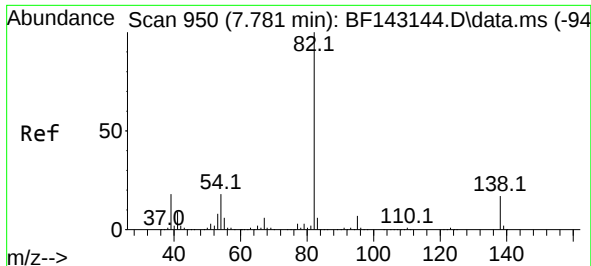
Tgt Ion: 82 Resp: 199294
Ion Ratio Lower Upper
82 100
128 43.4 33.6 50.4
54 58.1 47.1 70.7



#24
Nitrobenzene
Concen: 37.965 ng
RT: 7.534 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

Tgt Ion: 77 Resp: 174403
Ion Ratio Lower Upper
77 100
123 43.8 36.1 54.1
65 14.3 11.4 17.2

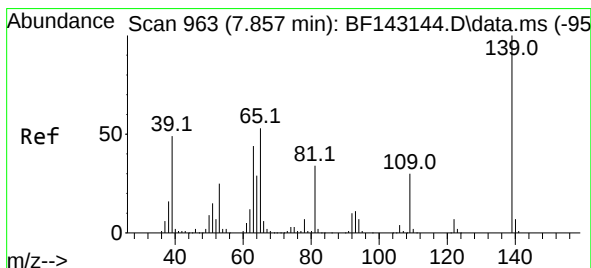
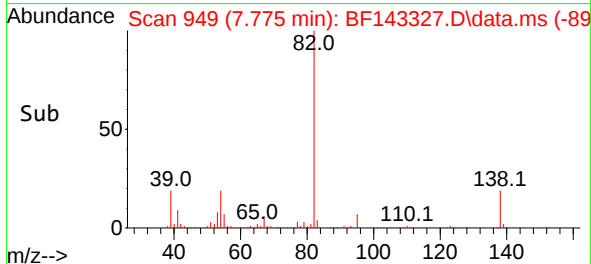
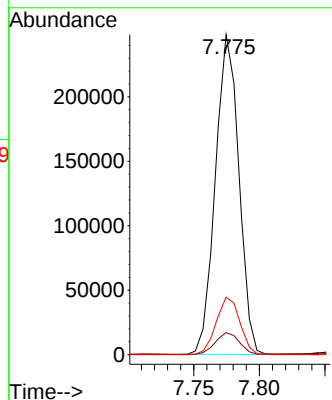
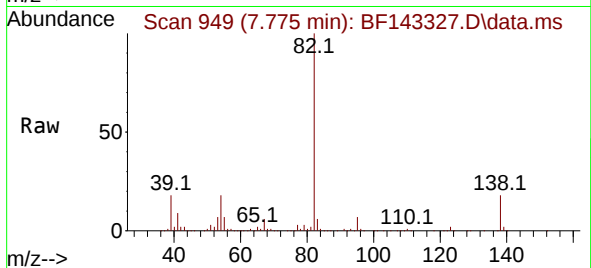




#25
Isophorone
Concen: 35.475 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

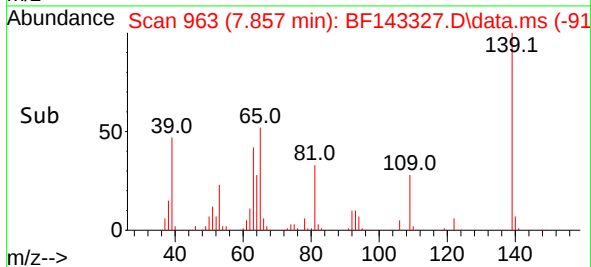
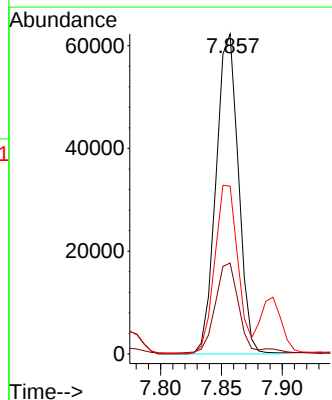
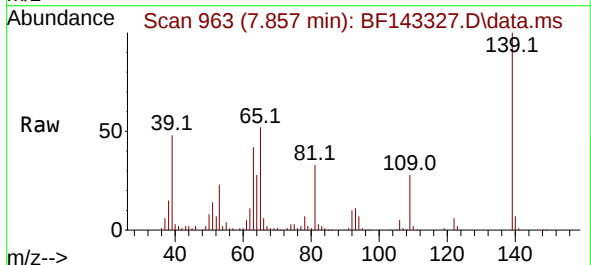
Instrument :
BNA_F
ClientSampleId :
TP-2MS

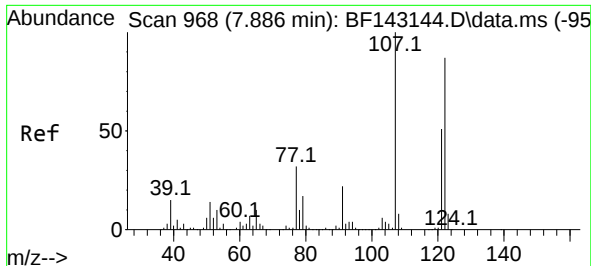
Tgt Ion: 82 Resp: 308576
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 18.0 13.8 20.8



#26
2-Nitrophenol
Concen: 40.077 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

Tgt Ion:139 Resp: 79901
Ion Ratio Lower Upper
139 100
109 28.4 23.6 35.4
65 52.4 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 33.151 ng

RT: 7.892 min Scan# 9

Delta R.T. 0.006 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

Instrument :

BNA_F

ClientSampleId :

TP-2MS

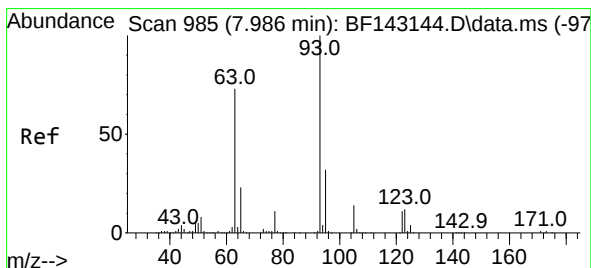
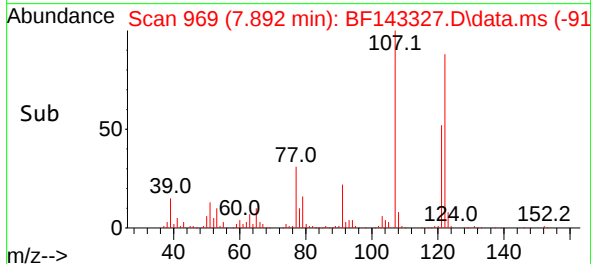
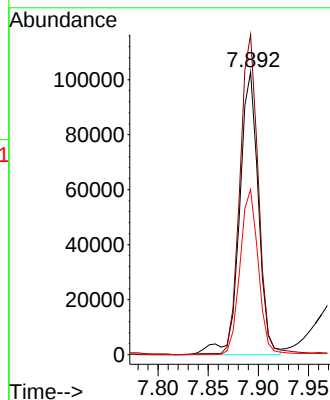
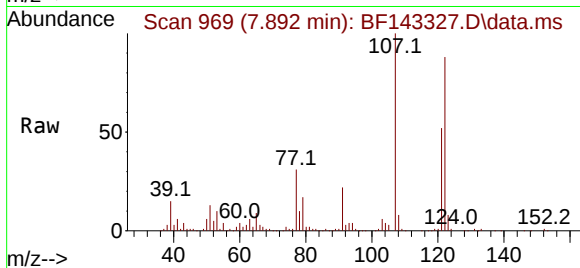
Tgt Ion:122 Resp: 134721

Ion Ratio Lower Upper

122 100

107 113.2 91.8 137.6

121 58.5 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 33.275 ng

RT: 7.981 min Scan# 984

Delta R.T. -0.006 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

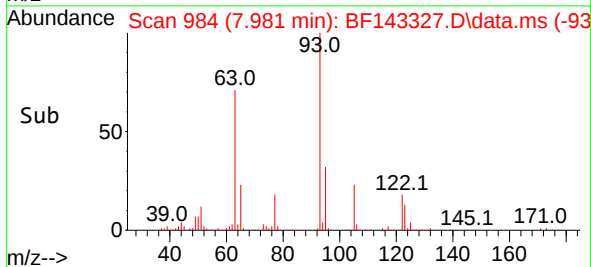
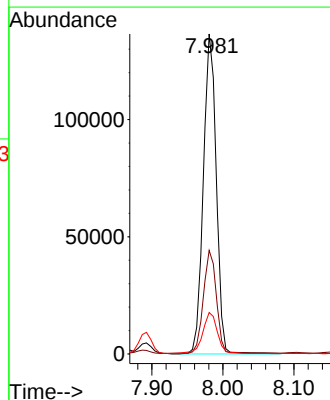
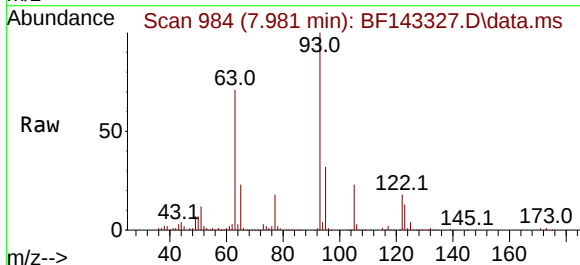
Tgt Ion: 93 Resp: 173537

Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.6

123 13.0 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 33.282 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

Instrument :

BNA_F

ClientSampleId :

TP-2MS

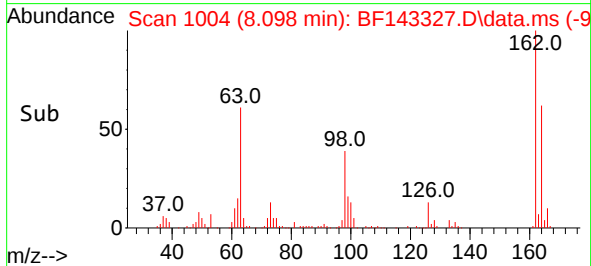
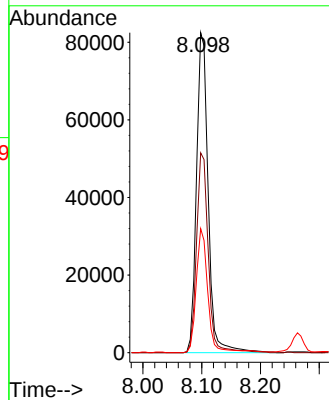
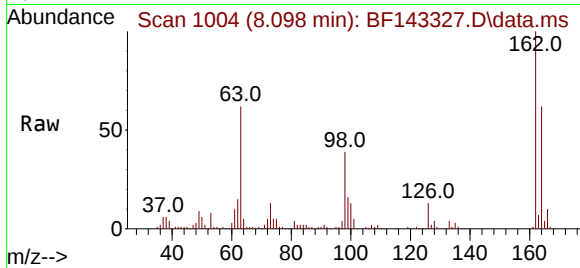
Tgt Ion:162 Resp: 114064

Ion Ratio Lower Upper

162 100

164 62.4 44.2 84.2

98 38.8 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 38.083 ng

RT: 8.181 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

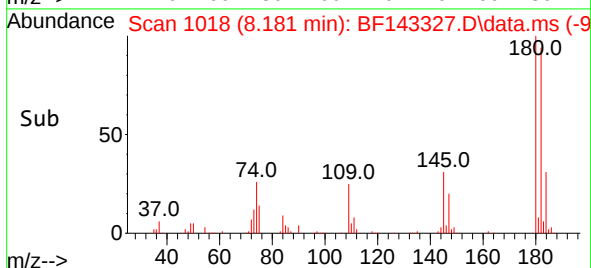
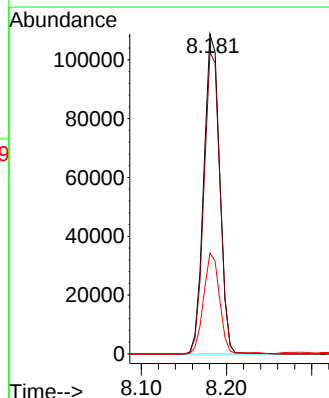
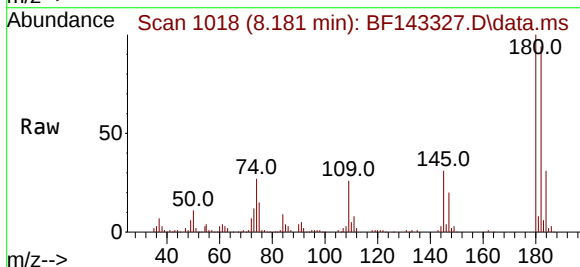
Tgt Ion:180 Resp: 141006

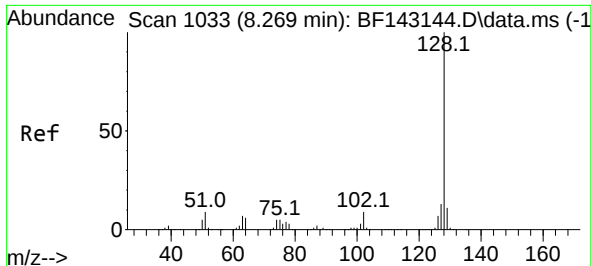
Ion Ratio Lower Upper

180 100

182 94.4 76.2 114.2

145 31.5 25.0 37.6

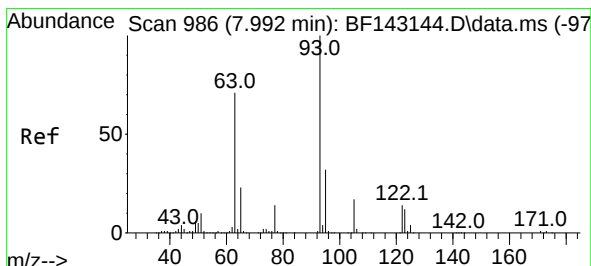
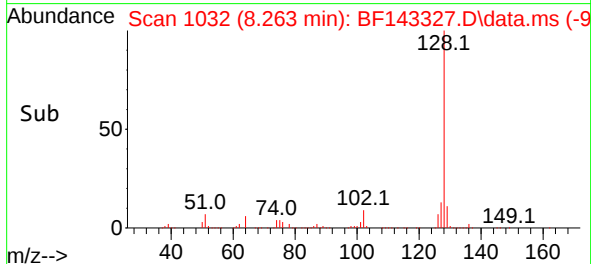
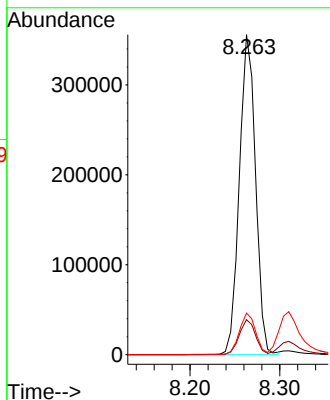
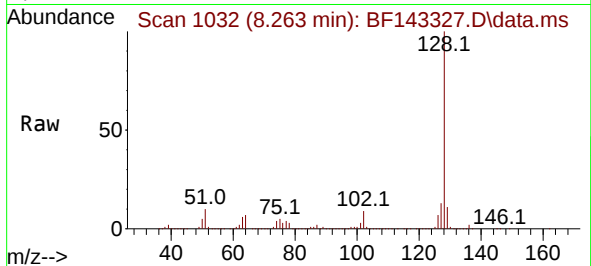




#31
Naphthalene
Concen: 36.890 ng
RT: 8.263 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

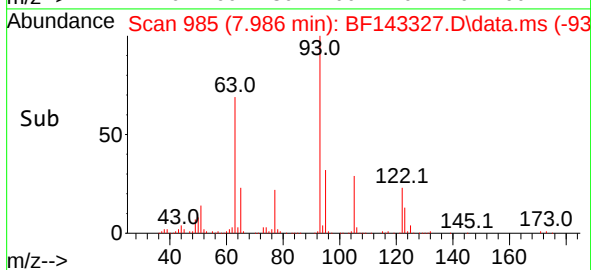
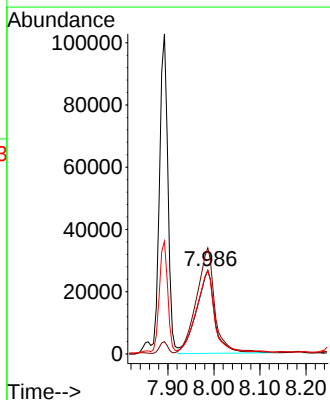
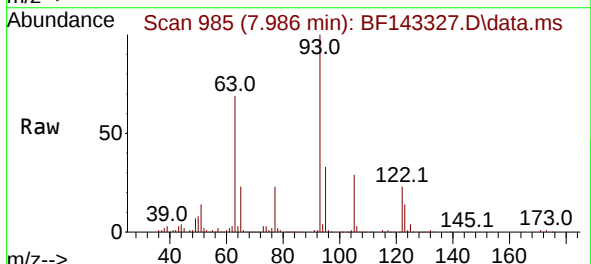
Instrument :
BNA_F
ClientSampleId :
TP-2MS

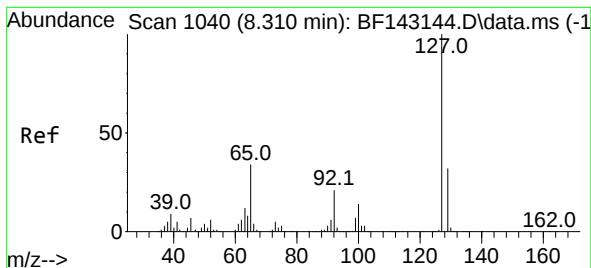
Tgt Ion:128 Resp: 446226
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.0 10.6 16.0



#32
Benzoic acid
Concen: 34.187 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

Tgt Ion:122 Resp: 74437
Ion Ratio Lower Upper
122 100
105 127.4 104.8 144.8
77 100.5 77.6 117.6





#33

4-Chloroaniline

Concen: 16.782 ng

RT: 8.310 min Scan# 1040

Delta R.T. -0.000 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

Instrument :

BNA_F

ClientSampleId :

TP-2MS

Tgt Ion:127 Resp: 82886

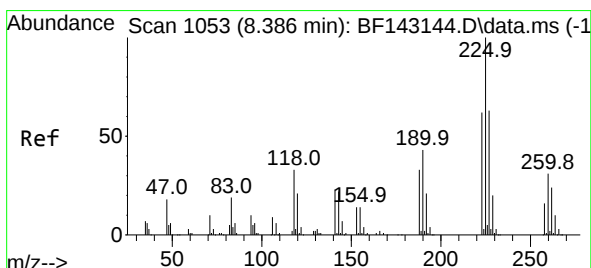
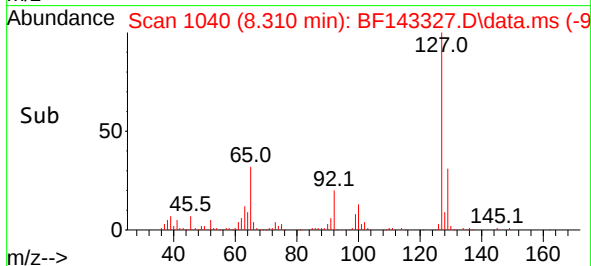
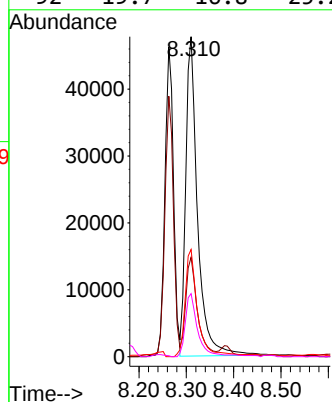
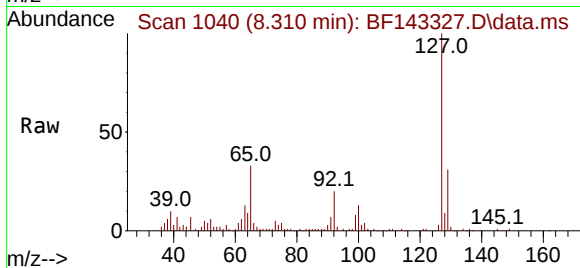
Ion Ratio Lower Upper

127 100

129 31.0 26.0 39.0

65 33.5 27.4 41.2

92 19.7 16.8 25.2



#34

Hexachlorobutadiene

Concen: 36.467 ng

RT: 8.386 min Scan# 1053

Delta R.T. -0.000 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

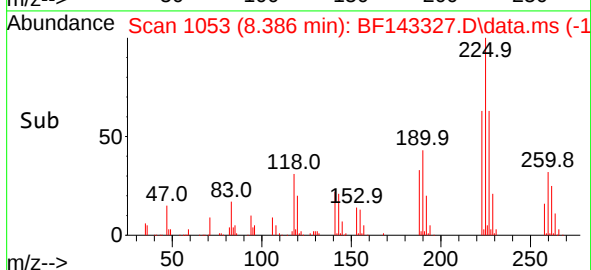
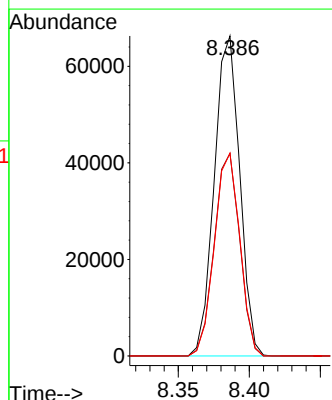
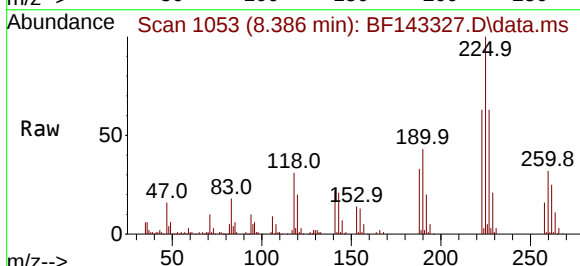
Tgt Ion:225 Resp: 82482

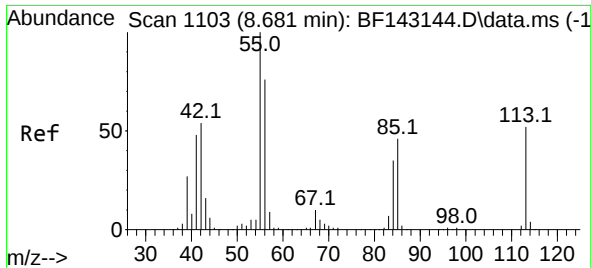
Ion Ratio Lower Upper

225 100

223 63.3 49.8 74.6

227 63.4 50.2 75.4

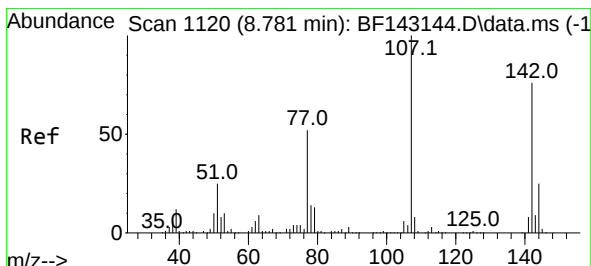
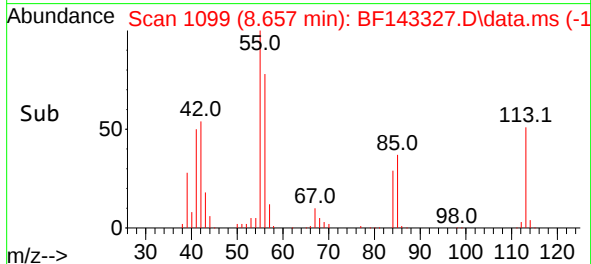
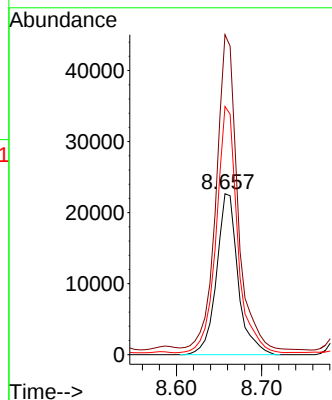
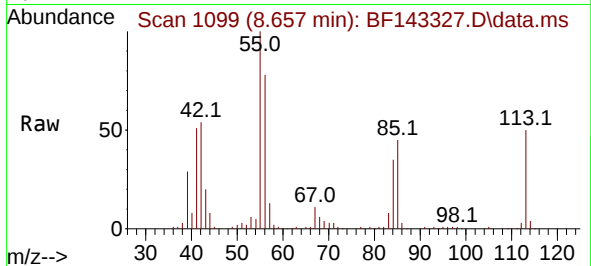




#35
 Caprolactam
 Concen: 38.320 ng
 RT: 8.657 min Scan# 1109
 Delta R.T. -0.024 min
 Lab File: BF143327.D
 Acq: 06 Aug 2025 13:49

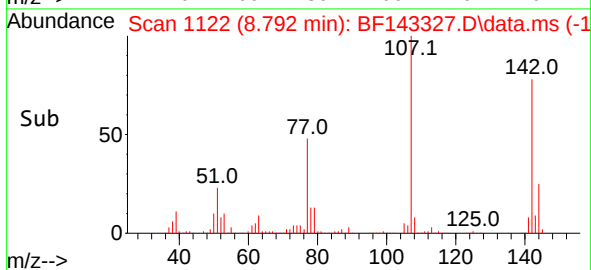
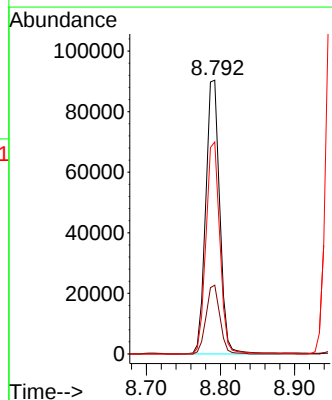
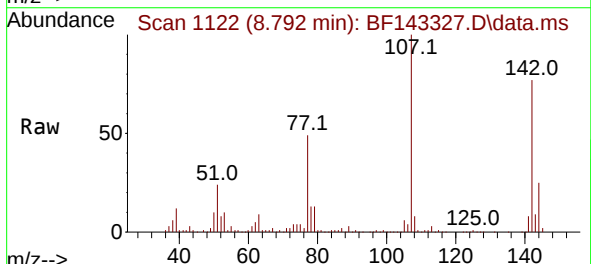
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

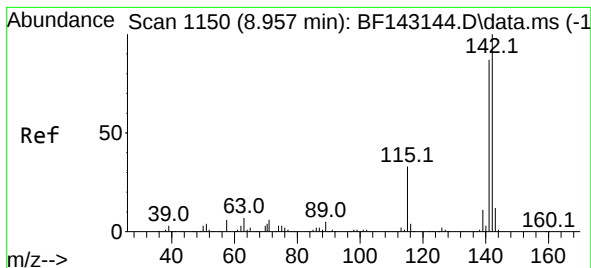
Tgt Ion:113 Resp: 39686
 Ion Ratio Lower Upper
 113 100
 55 198.8 174.0 214.0
 56 154.2 126.6 166.6



#36
 4-Chloro-3-methylphenol
 Concen: 32.104 ng
 RT: 8.792 min Scan# 1122
 Delta R.T. 0.012 min
 Lab File: BF143327.D
 Acq: 06 Aug 2025 13:49

Tgt Ion:107 Resp: 119590
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.8 29.6
 142 77.4 60.6 90.8





#37

2-Methylnaphthalene

Concen: 34.444 ng

RT: 8.957 min Scan# 1150

Delta R.T. -0.000 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

Instrument :

BNA_F

ClientSampleId :

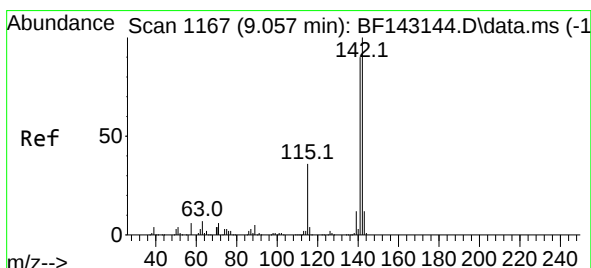
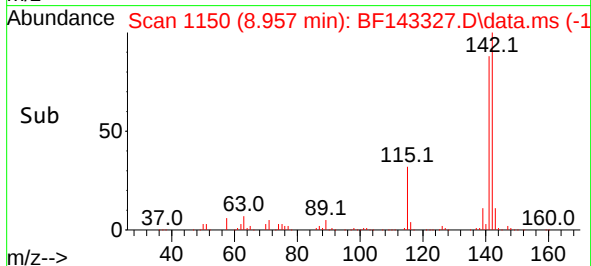
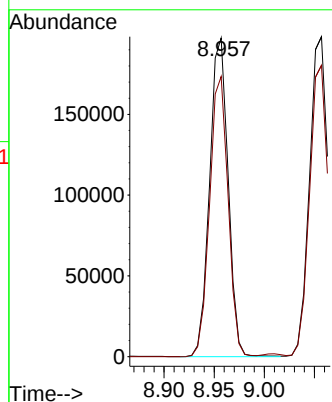
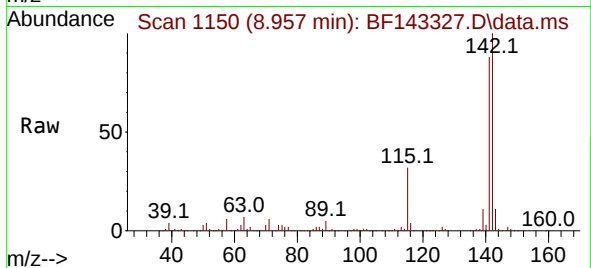
TP-2MS

Tgt Ion:142 Resp: 253530

Ion Ratio Lower Upper

142 100

141 87.9 69.9 104.9



#38

1-Methylnaphthalene

Concen: 33.571 ng

RT: 9.057 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF143327.D

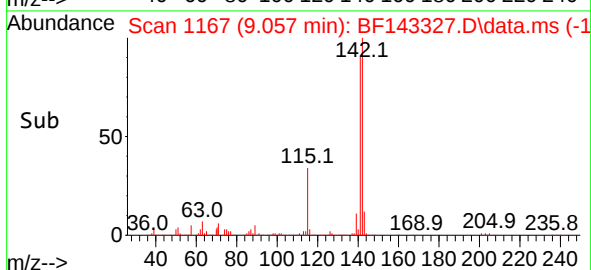
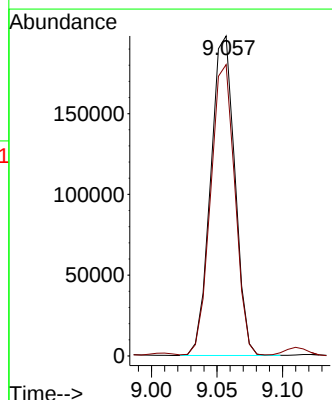
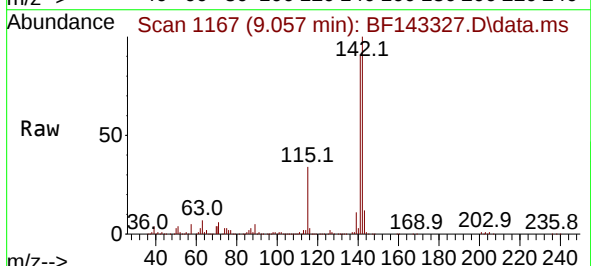
Acq: 06 Aug 2025 13:49

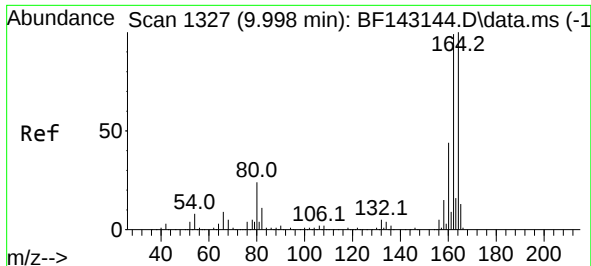
Tgt Ion:142 Resp: 254457

Ion Ratio Lower Upper

142 100

141 91.1 72.3 108.5

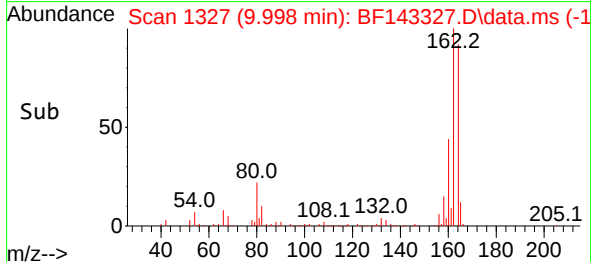
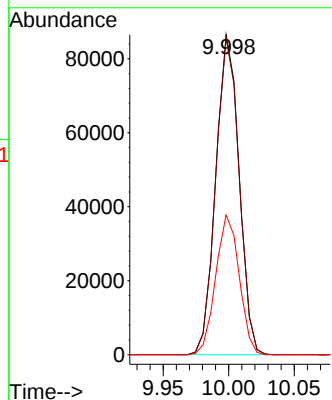
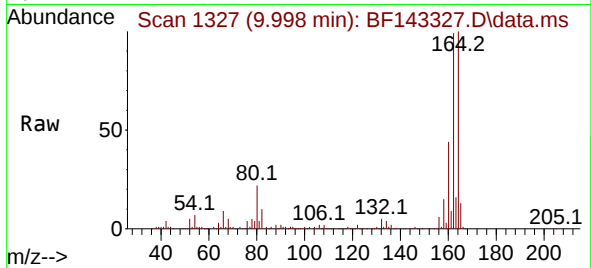




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

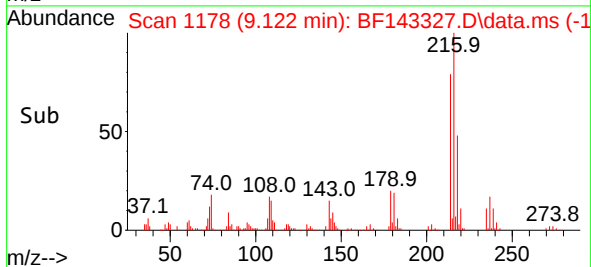
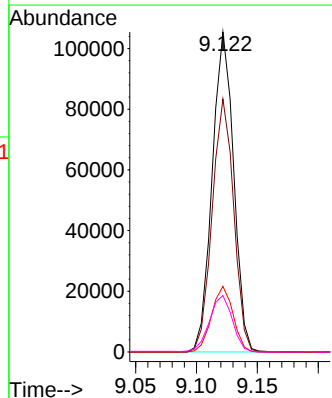
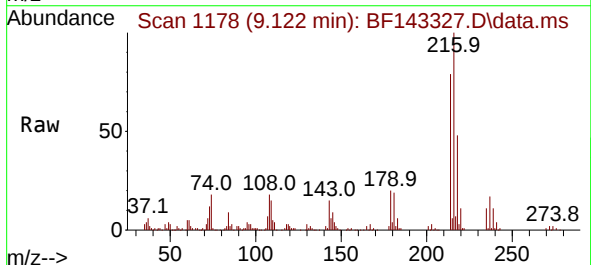
Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tgt Ion:164 Resp: 106750
Ion Ratio Lower Upper
164 100
162 98.9 79.0 118.6
160 43.6 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.850 ng
RT: 9.122 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

Tgt Ion:216 Resp: 128981
Ion Ratio Lower Upper
216 100
214 79.0 63.8 95.8
179 20.6 16.4 24.6
108 18.8 15.6 23.4

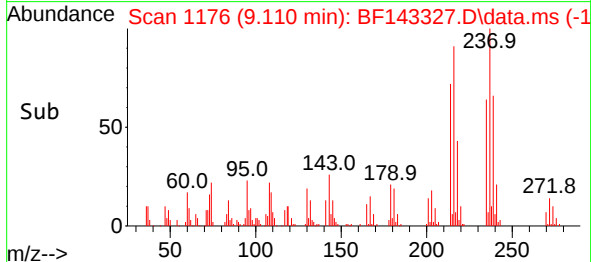
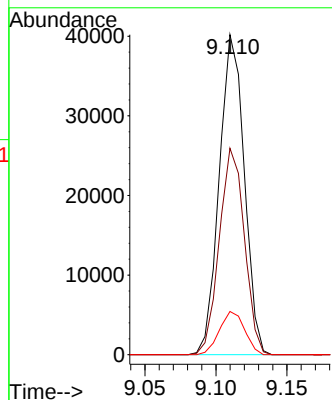
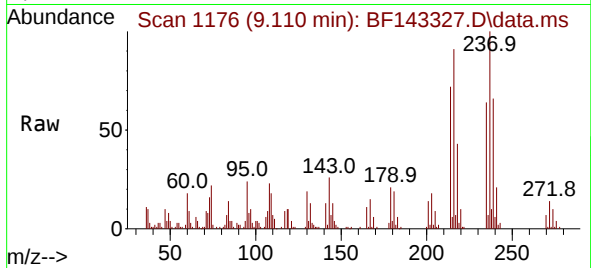




#41
Hexachlorocyclopentadiene
Concen: 24.518 ng
RT: 9.110 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

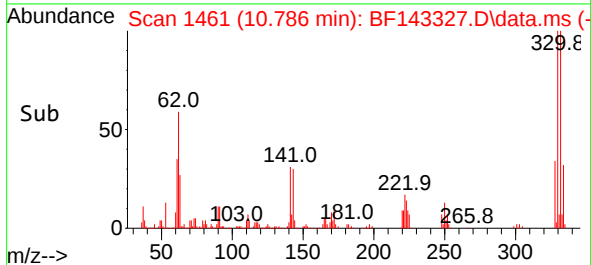
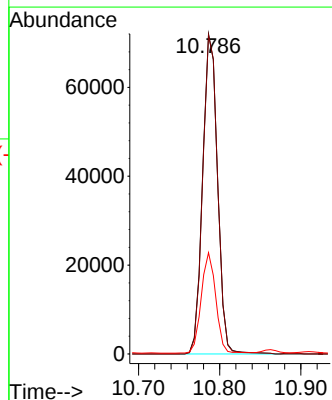
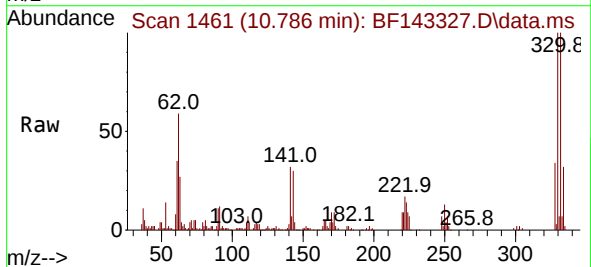
Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tgt Ion:237 Resp: 49167
Ion Ratio Lower Upper
237 100
235 64.5 43.0 83.0
272 13.5 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 83.238 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

Tgt Ion:330 Resp: 91794
Ion Ratio Lower Upper
330 100
332 99.2 76.7 115.1
141 30.6 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 37.374 ng

RT: 9.233 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

Instrument :

BNA_F

ClientSampleId :

TP-2MS

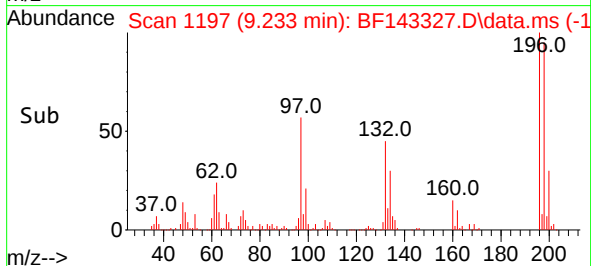
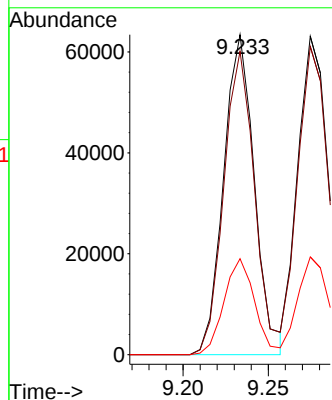
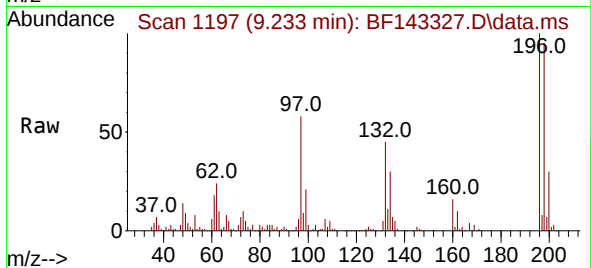
Tgt Ion:196 Resp: 79718

Ion Ratio Lower Upper

196 100

198 94.8 76.2 114.2

200 30.0 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 38.124 ng

RT: 9.275 min Scan# 1204

Delta R.T. 0.006 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

Tgt Ion:196 Resp: 81343

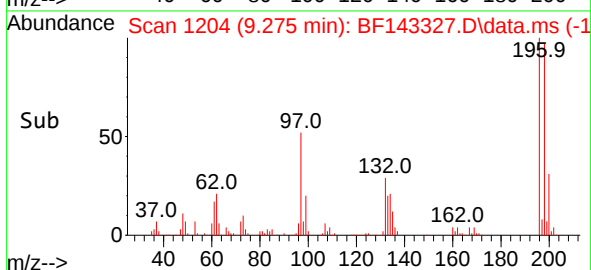
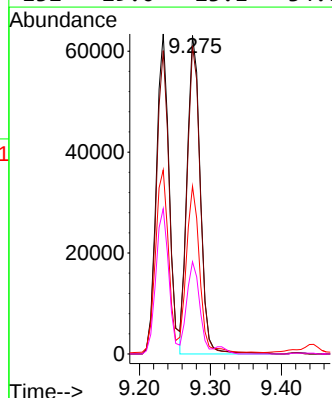
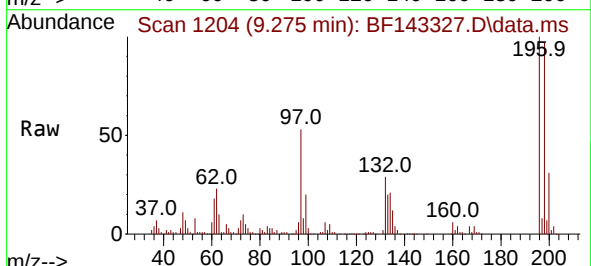
Ion Ratio Lower Upper

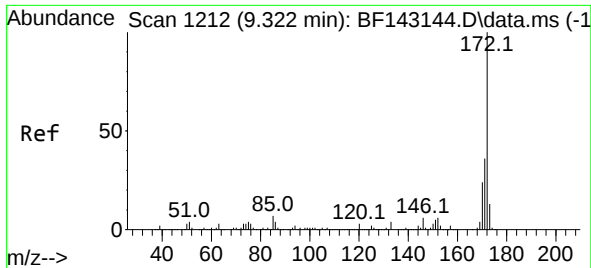
196 100

198 96.8 77.3 115.9

97 52.7 40.3 60.5

132 29.0 23.1 34.7

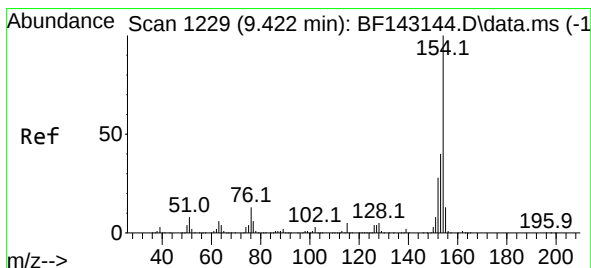
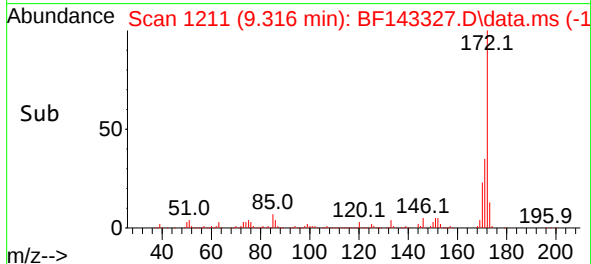
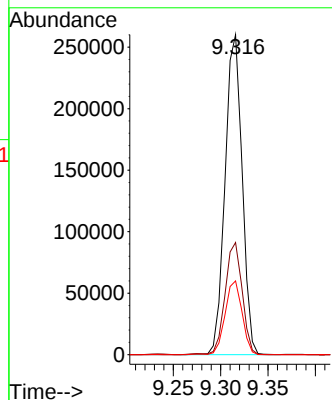
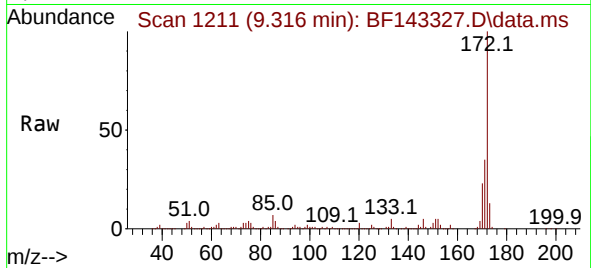




#45
2-Fluorobiphenyl
Concen: 41.845 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

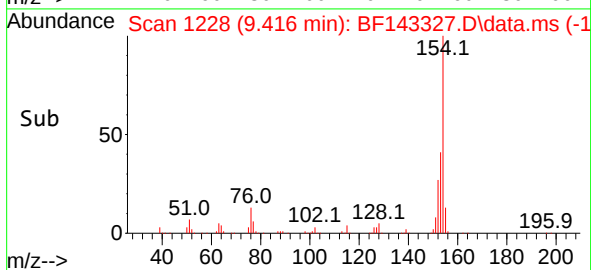
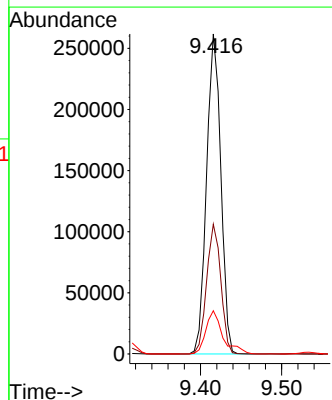
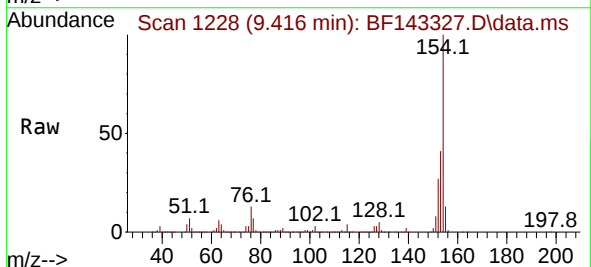
Instrument :
BNA_F
ClientSampleId :
TP-2MS

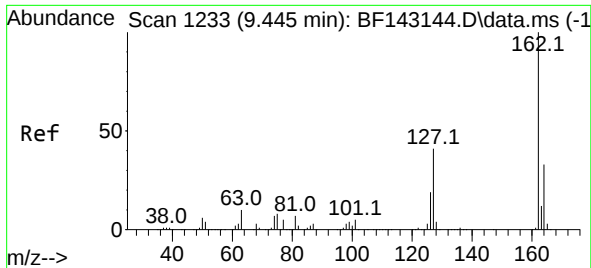
Tgt Ion:172 Resp: 326625
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.1 18.8 28.2



#46
1,1'-Biphenyl
Concen: 38.201 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

Tgt Ion:154 Resp: 318160
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 13.5 0.0 33.3

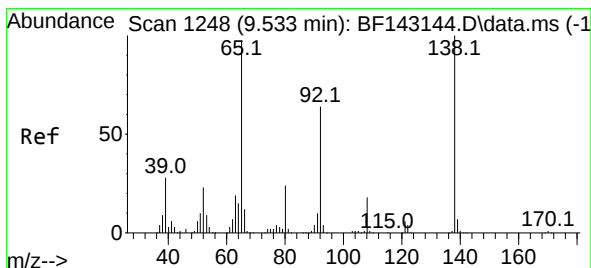
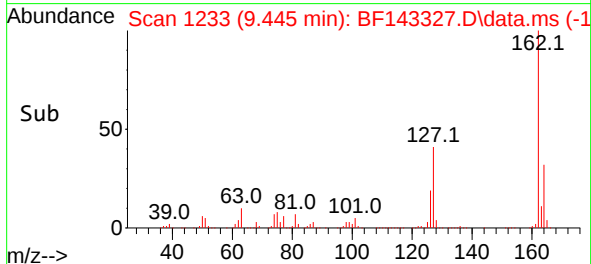
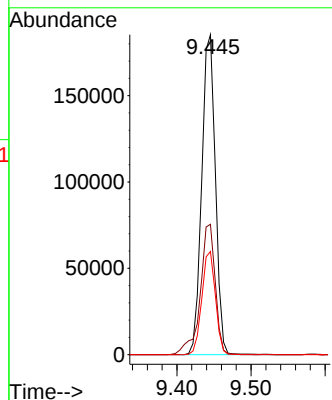
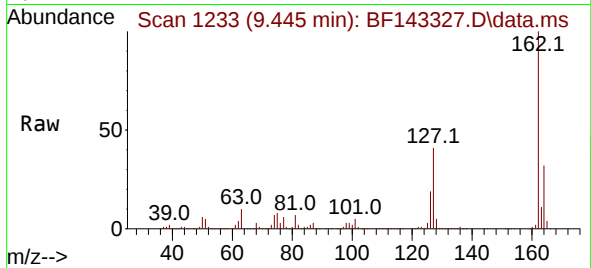




#47
2-Chloronaphthalene
Concen: 38.589 ng
RT: 9.445 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

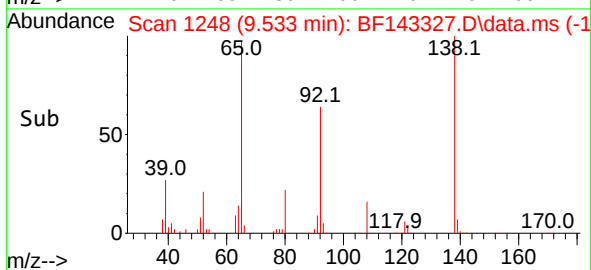
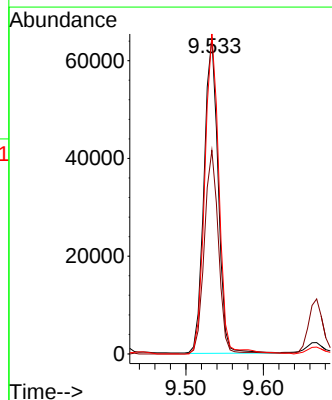
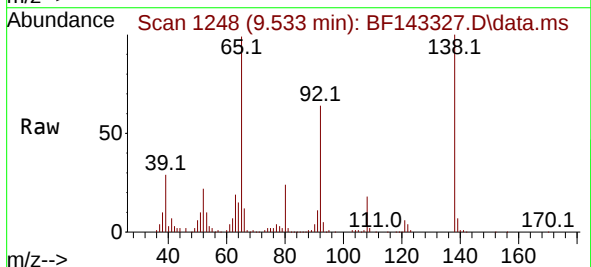
Instrument :
BNA_F
ClientSampleId :
TP-2MS

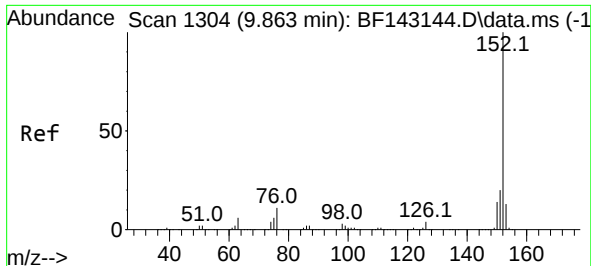
Tgt Ion:162 Resp: 237809
Ion Ratio Lower Upper
162 100
127 40.8 33.4 50.2
164 32.2 26.2 39.2



#48
2-Nitroaniline
Concen: 42.194 ng
RT: 9.533 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

Tgt Ion: 65 Resp: 81542
Ion Ratio Lower Upper
65 100
92 64.4 52.4 78.6
138 101.1 82.3 123.5





#49

Acenaphthylene

Concen: 38.009 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

Instrument :

BNA_F

ClientSampleId :

TP-2MS

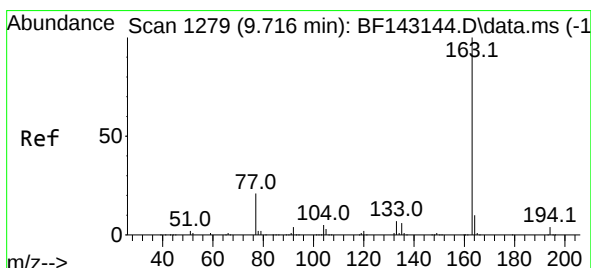
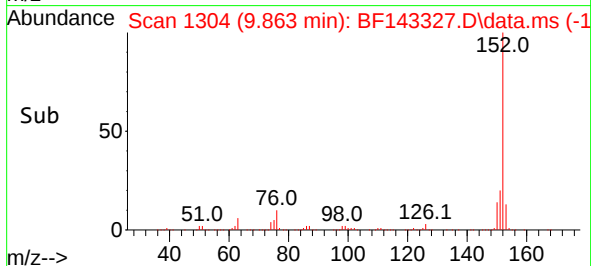
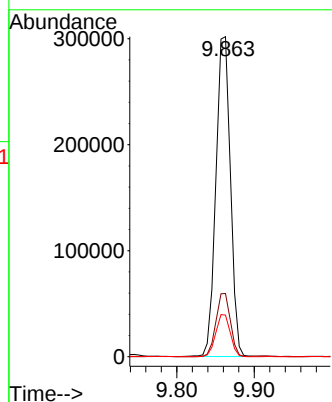
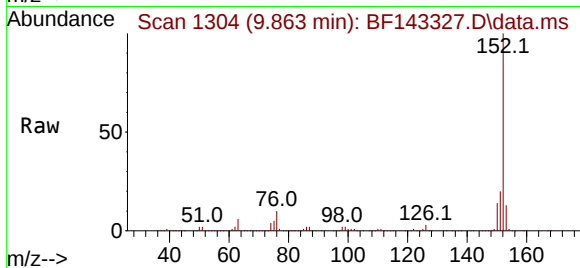
Tgt Ion:152 Resp: 392538

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.2

153 13.0 10.6 16.0



#50

Dimethylphthalate

Concen: 40.141 ng

RT: 9.710 min Scan# 1278

Delta R.T. -0.006 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

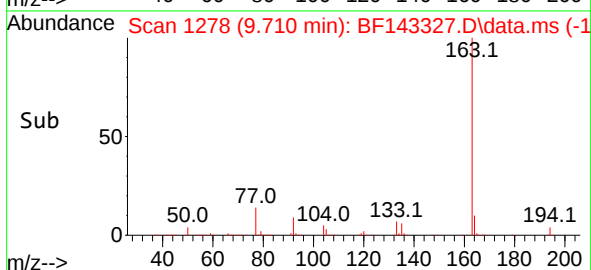
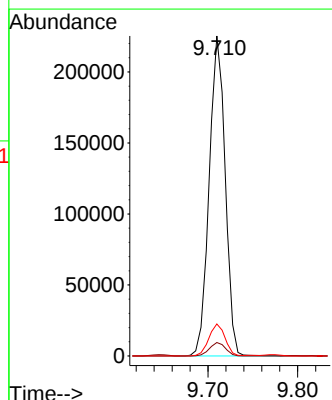
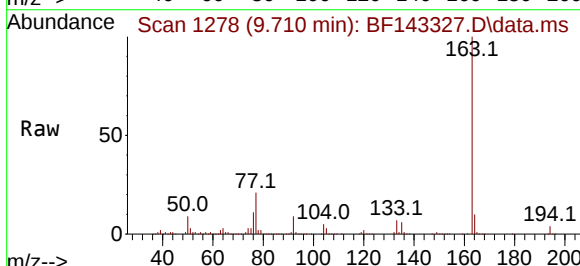
Tgt Ion:163 Resp: 279310

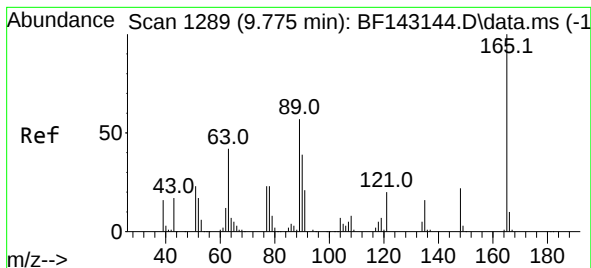
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.0 8.3 12.5

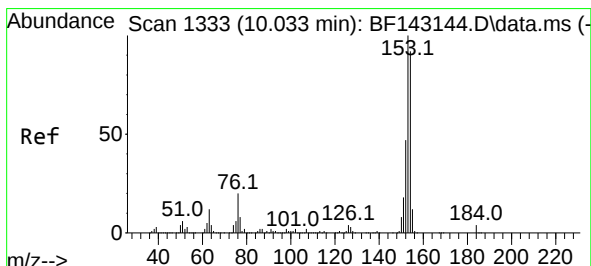
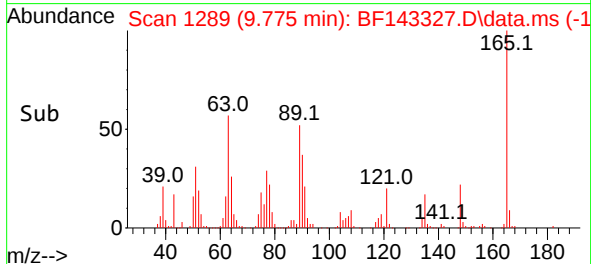
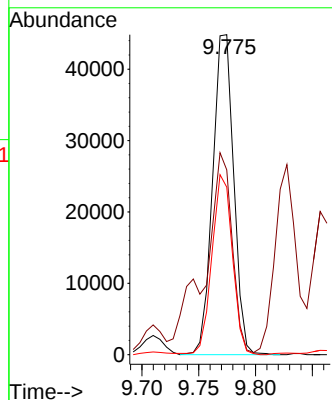
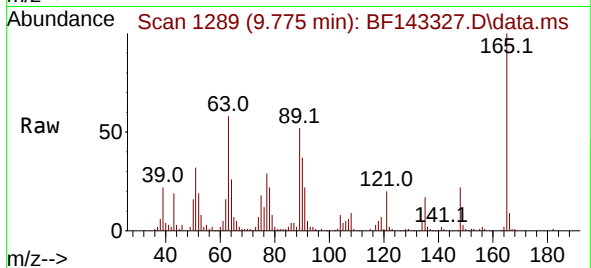




#51
2,6-Dinitrotoluene
Concen: 40.797 ng
RT: 9.775 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

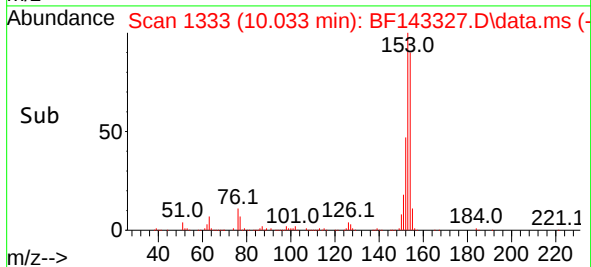
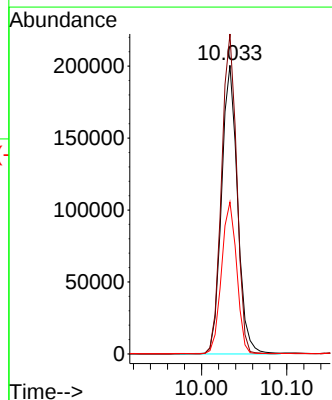
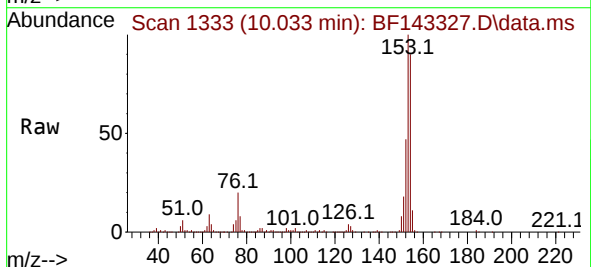
Instrument :
BNA_F
ClientSampleId :
TP-2MS

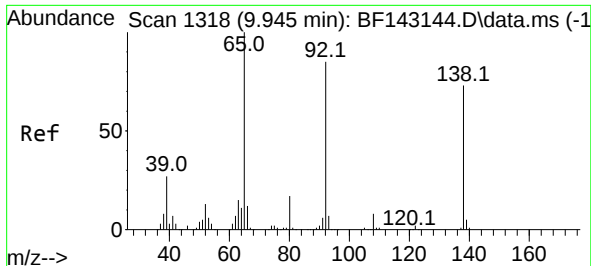
Tgt Ion:165 Resp: 57749
Ion Ratio Lower Upper
165 100
63 57.7 49.4 74.2
89 52.4 46.2 69.2



#52
Acenaphthene
Concen: 42.992 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

Tgt Ion:154 Resp: 262424
Ion Ratio Lower Upper
154 100
153 110.8 86.6 129.8
152 52.6 40.4 60.6

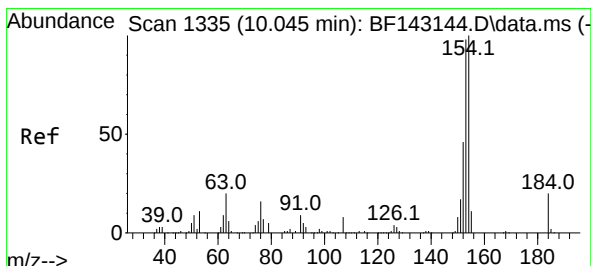
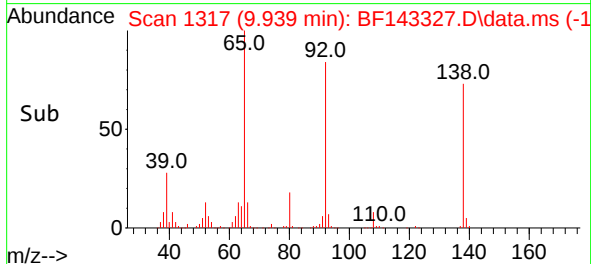
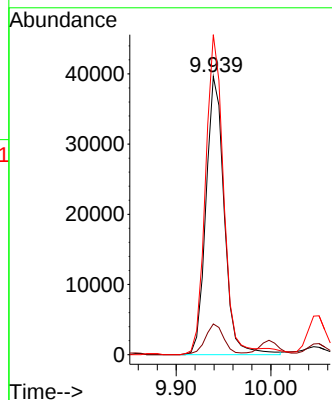
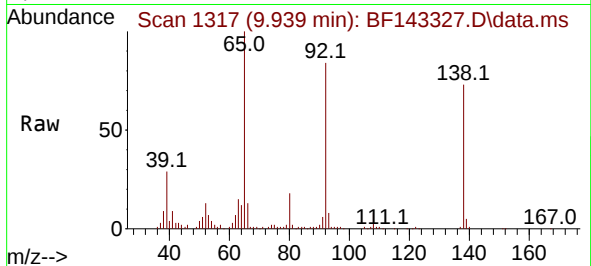




#53
3-Nitroaniline
Concen: 32.033 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

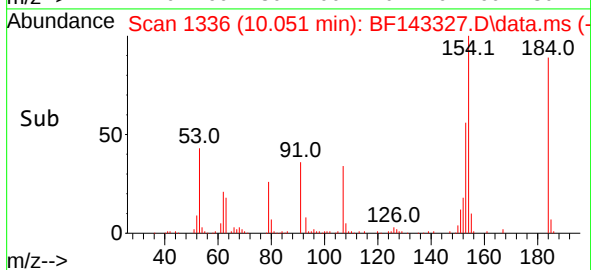
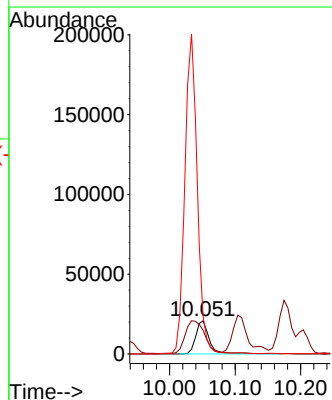
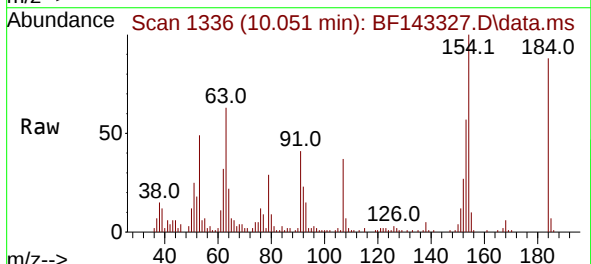
Instrument :
BNA_F
ClientSampleId :
TP-2MS

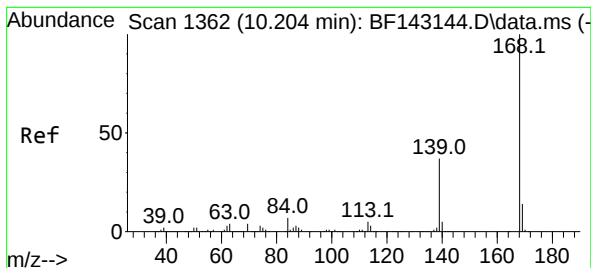
Tgt Ion:138 Resp: 53037
Ion Ratio Lower Upper
138 100
108 11.0 9.0 13.6
92 115.0 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 49.689 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

Tgt Ion:184 Resp: 30111
Ion Ratio Lower Upper
184 100
63 71.6 81.8 122.6#
154 113.3 412.2 618.4#





#55

Dibenzofuran

Concen: 40.585 ng

RT: 10.204 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

Instrument :

BNA_F

ClientSampleId :

TP-2MS

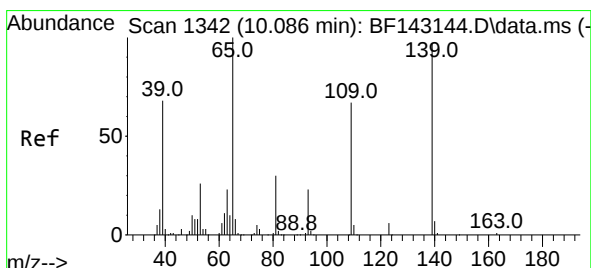
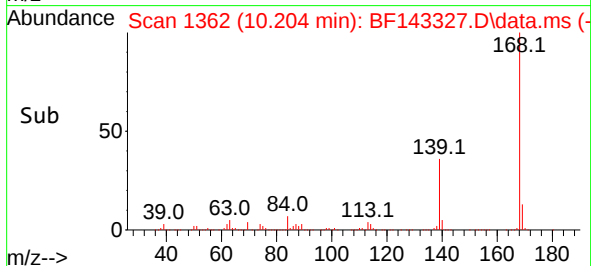
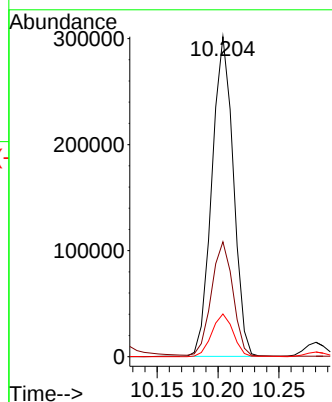
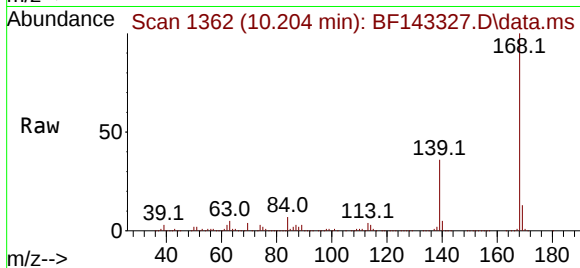
Tgt Ion:168 Resp: 367803

Ion Ratio Lower Upper

168 100

139 35.9 29.5 44.3

169 13.4 10.9 16.3



#56

4-Nitrophenol

Concen: 97.960 ng

RT: 10.104 min Scan# 1345

Delta R.T. 0.018 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

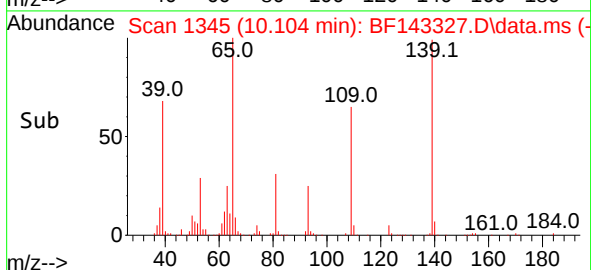
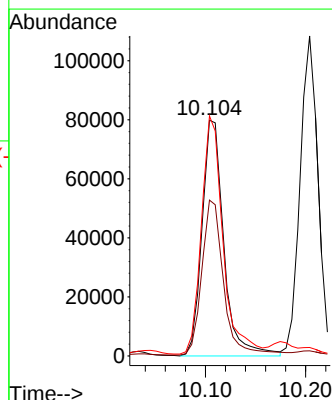
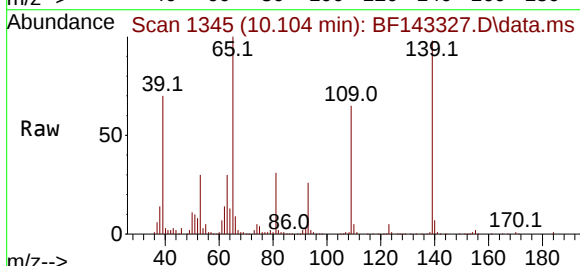
Tgt Ion:139 Resp: 121114

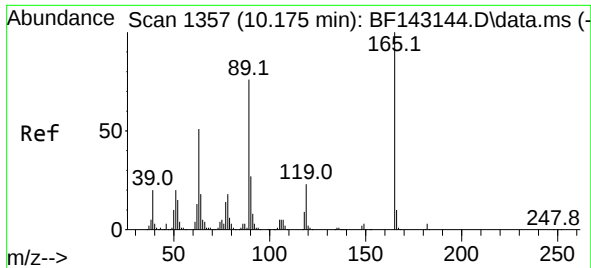
Ion Ratio Lower Upper

139 100

109 66.1 48.5 88.5

65 101.8 83.4 123.4

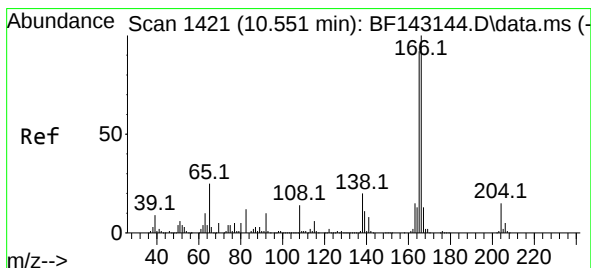
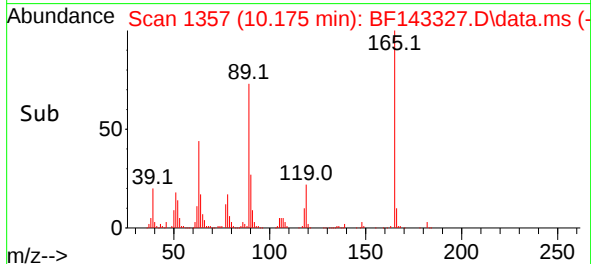
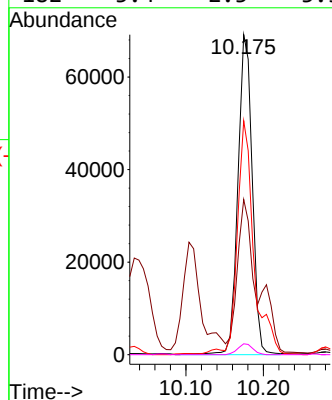
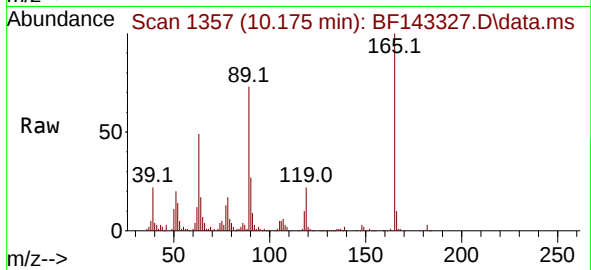




#57
2,4-Dinitrotoluene
Concen: 50.129 ng
RT: 10.175 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

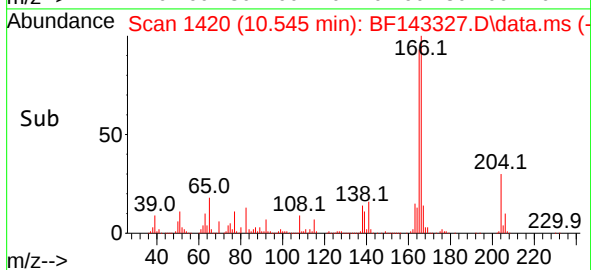
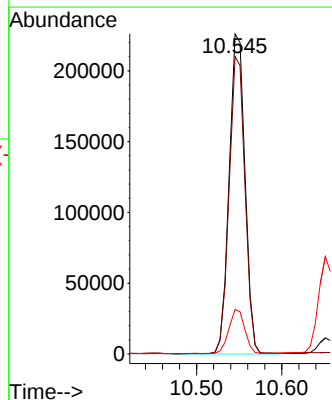
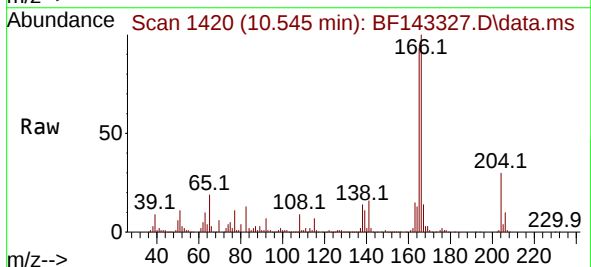
Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tgt Ion:165	Resp:	89024	
Ion	Ratio	Lower	Upper
165	100		
63	48.5	41.0	61.4
89	73.1	61.1	91.7
182	3.4	2.3	3.5



#58
Fluorene
Concen: 43.017 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

Tgt Ion:166	Resp:	292587	
Ion	Ratio	Lower	Upper
166	100		
165	93.0	73.7	110.5
167	13.9	10.6	16.0

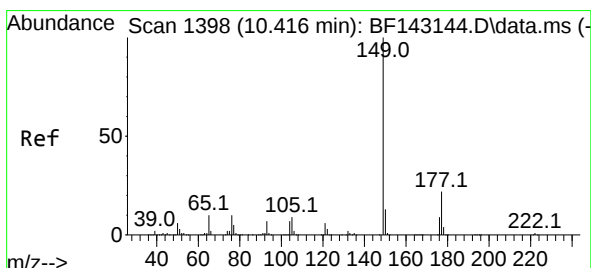
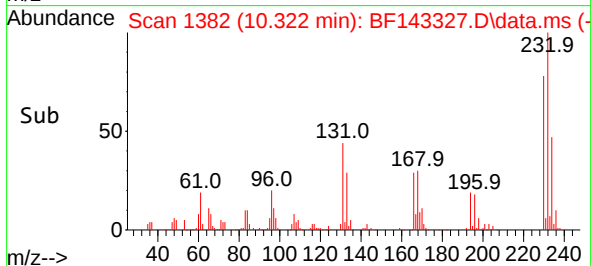
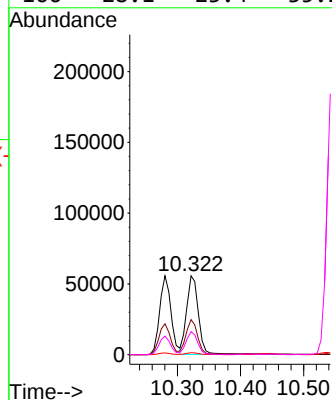
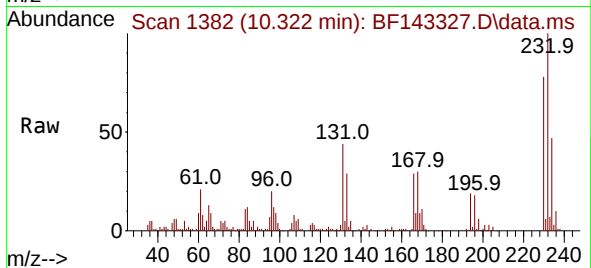




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.121 ng
RT: 10.322 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

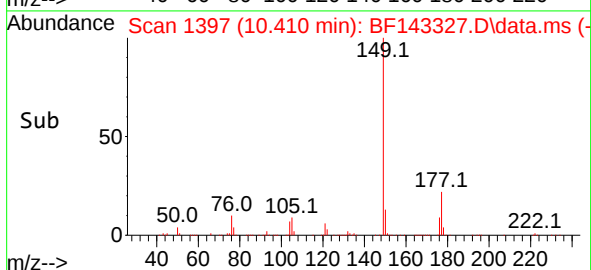
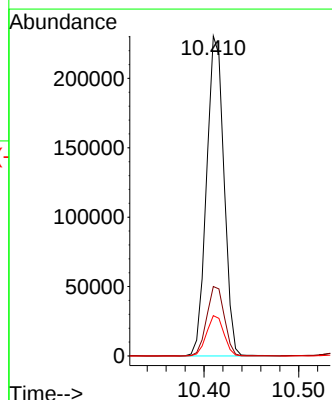
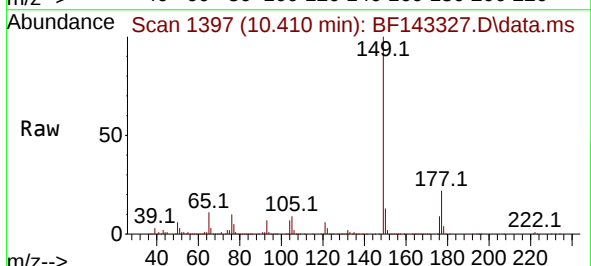
Instrument :
BNA_F
ClientSampleId :
TP-2MS

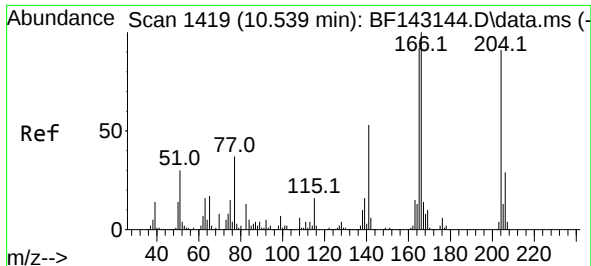
Tgt Ion:232 Resp: 72678
Ion Ratio Lower Upper
232 100
131 43.1 35.3 52.9
130 3.1 1.7 2.5#
166 28.1 23.4 35.2



#60
Diethylphthalate
Concen: 42.612 ng
RT: 10.410 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

Tgt Ion:149 Resp: 293067
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 12.6 10.2 15.2

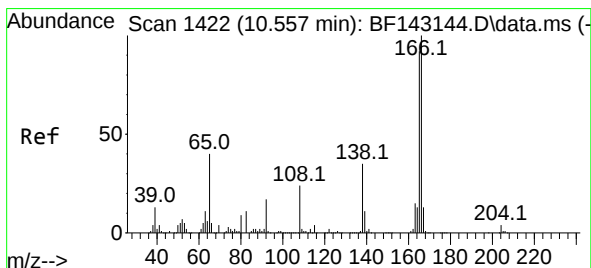
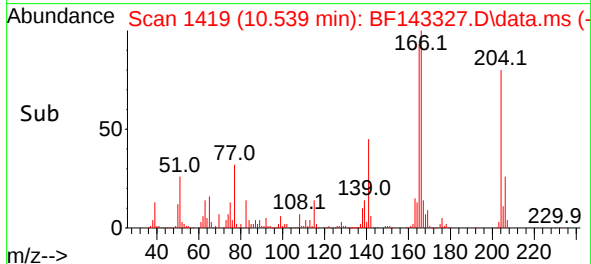
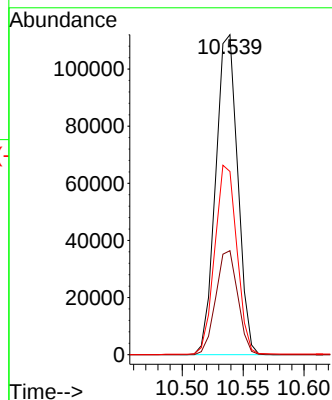
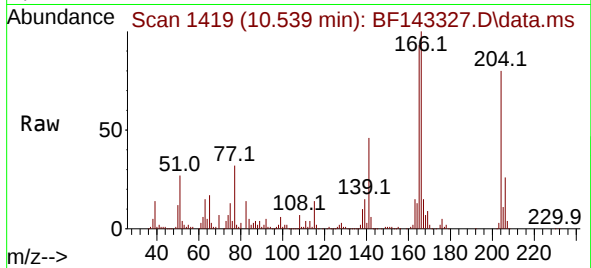




#61
4-Chlorophenyl-phenylether
Concen: 41.744 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

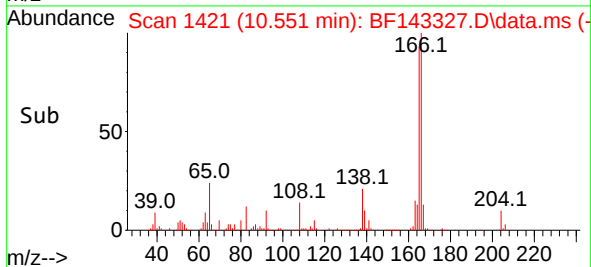
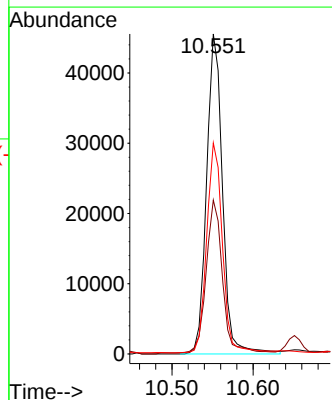
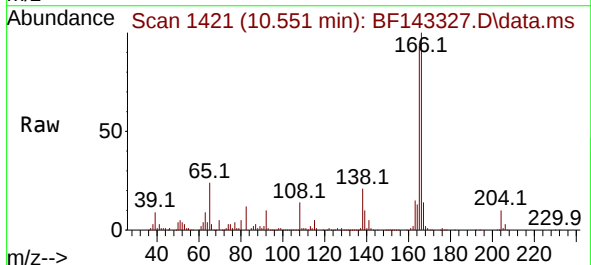
Instrument :
BNA_F
ClientSampleId :
TP-2MS

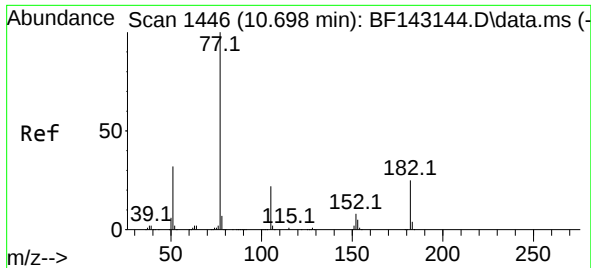
Tgt Ion:204 Resp: 141377
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.8
141 57.2 47.0 70.4



#62
4-Nitroaniline
Concen: 43.638 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

Tgt Ion:138 Resp: 61922
Ion Ratio Lower Upper
138 100
92 48.1 29.3 69.3
108 66.0 48.3 88.3

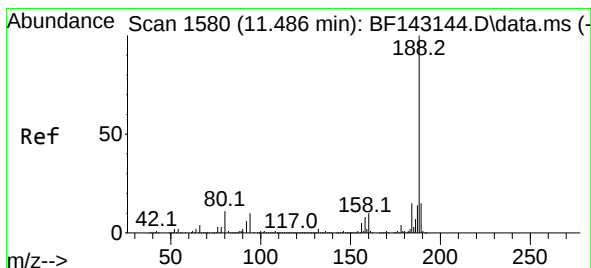
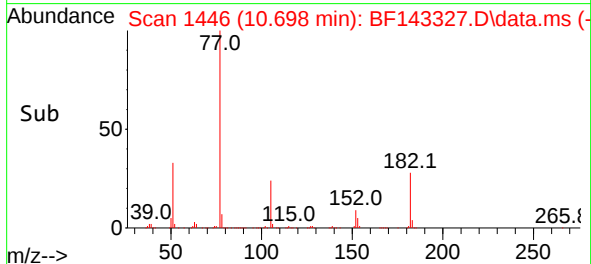
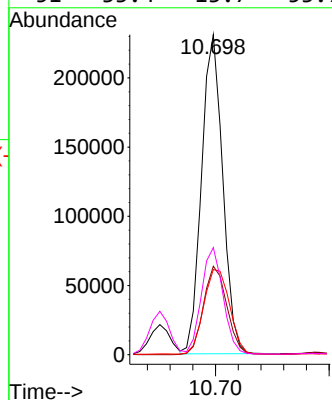
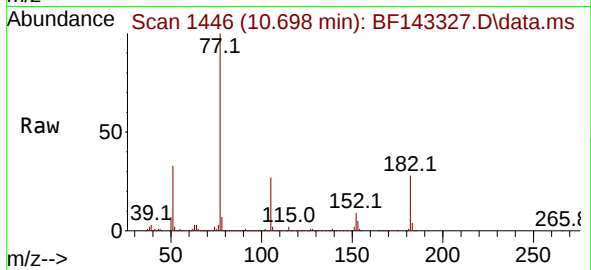




#63
 Azobenzene
 Concen: 41.549 ng
 RT: 10.698 min Scan# 1446
 Delta R.T. -0.000 min
 Lab File: BF143327.D
 Acq: 06 Aug 2025 13:49

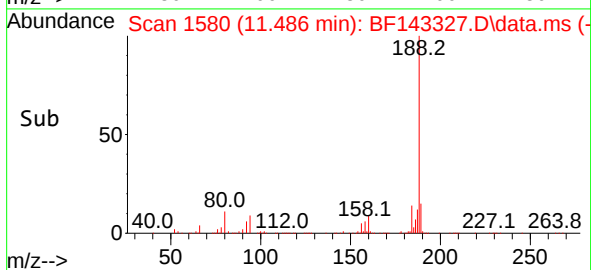
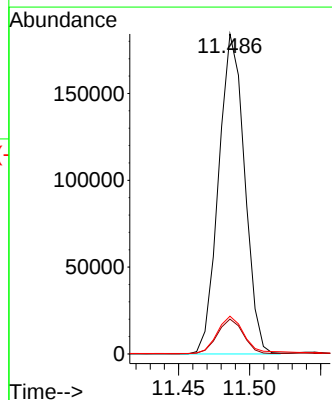
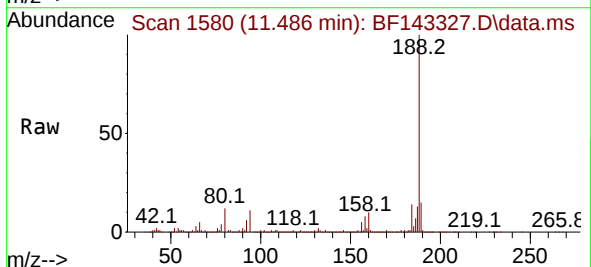
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

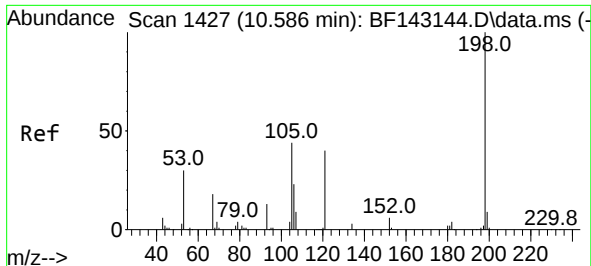
Tgt Ion: 77	Resp: 297823
Ion Ratio	Lower Upper
77 100	
182 27.6	4.6 44.6
105 26.6	1.4 41.4
51 33.4	13.7 53.7



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.486 min Scan# 1580
 Delta R.T. -0.000 min
 Lab File: BF143327.D
 Acq: 06 Aug 2025 13:49

Tgt Ion:188	Resp: 233983
Ion Ratio	Lower Upper
188 100	
94 10.9	8.3 12.5
80 11.8	9.0 13.6

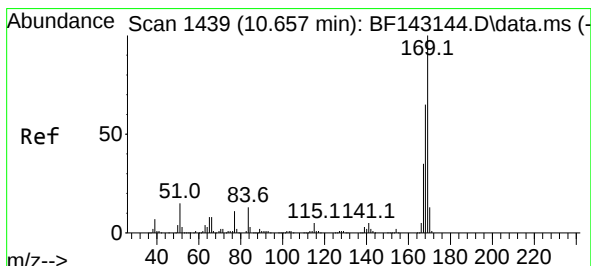
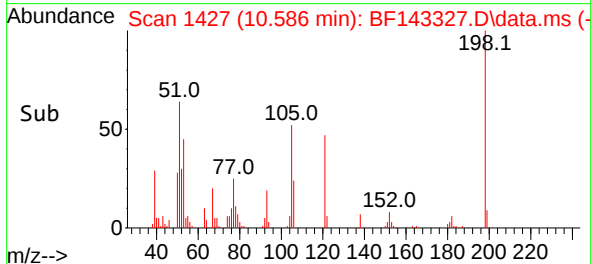
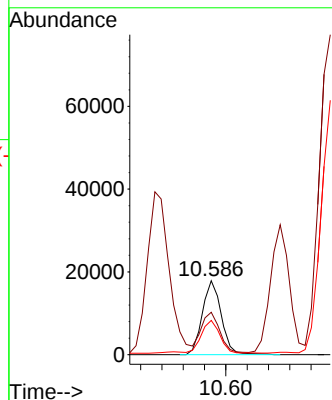
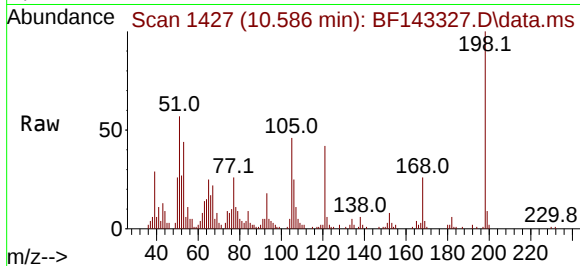




#65
4,6-Dinitro-2-methylphenol
Concen: 21.399 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

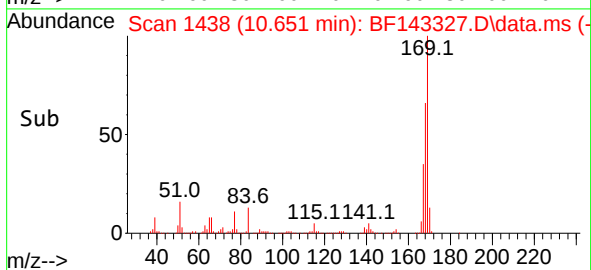
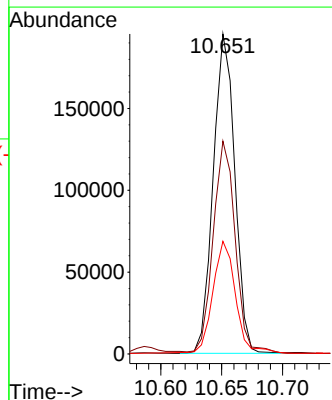
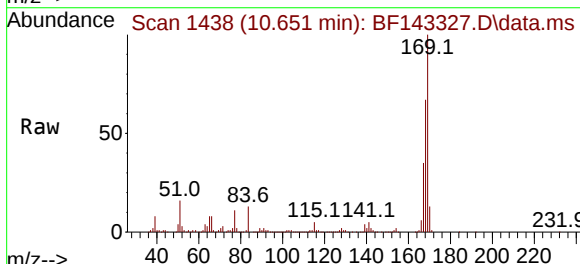
Instrument :
BNA_F
ClientSampleId :
TP-2MS

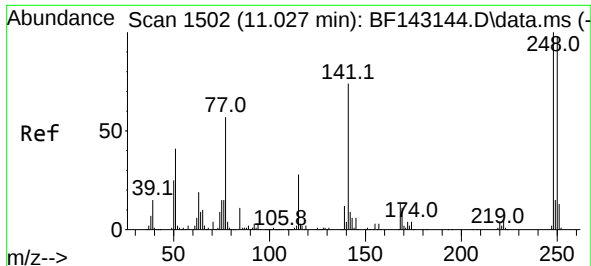
Tgt Ion:198 Resp: 22101
Ion Ratio Lower Upper
198 100
51 57.4 37.2 77.2
105 46.3 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 29.168 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

Tgt Ion:169 Resp: 240327
Ion Ratio Lower Upper
169 100
168 66.5 52.1 78.1
167 35.2 28.2 42.2





#67

4-Bromophenyl-phenylether

Concen: 31.251 ng

RT: 11.027 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

Instrument :

BNA_F

ClientSampleId :

TP-2MS

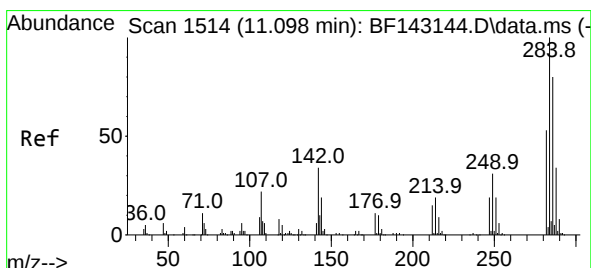
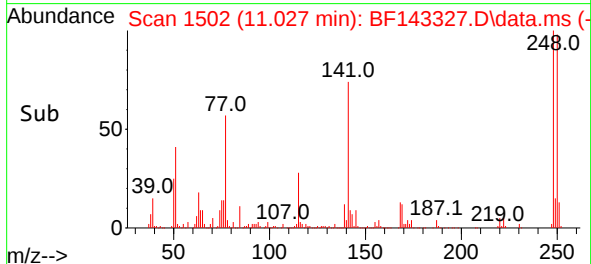
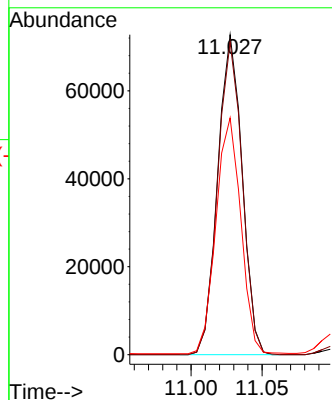
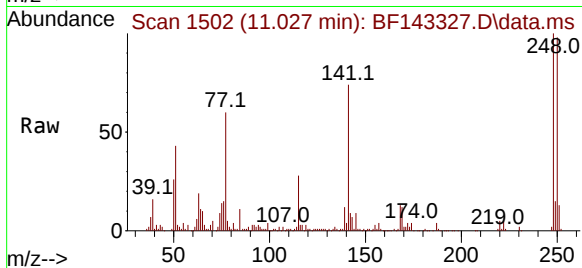
Tgt Ion:248 Resp: 87141

Ion Ratio Lower Upper

248 100

250 97.7 78.3 117.5

141 74.0 59.2 88.8



#68

Hexachlorobenzene

Concen: 32.600 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.006 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

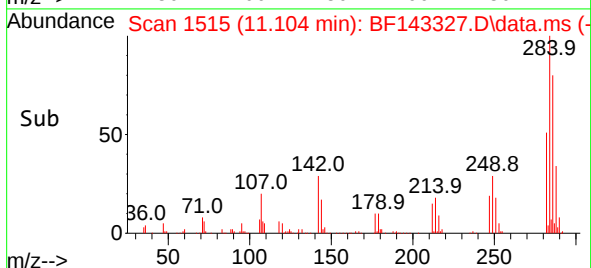
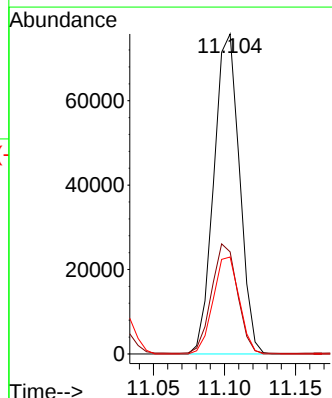
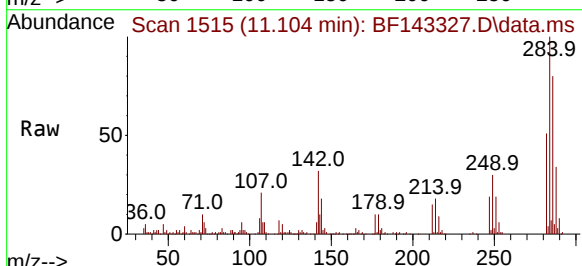
Tgt Ion:284 Resp: 95012

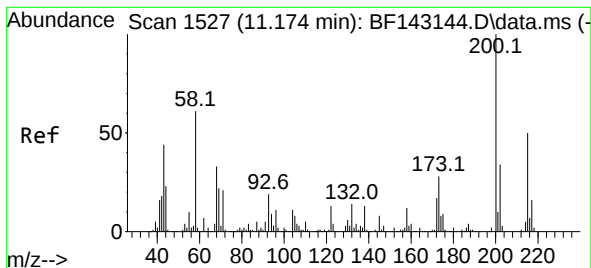
Ion Ratio Lower Upper

284 100

142 31.9 27.0 40.6

249 30.3 25.0 37.6





#69

Atrazine

Concen: 34.569 ng

RT: 11.180 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

Instrument :

BNA_F

ClientSampleId :

TP-2MS

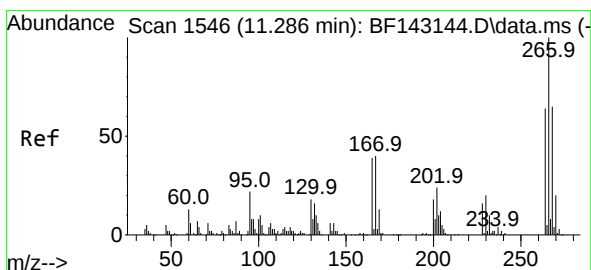
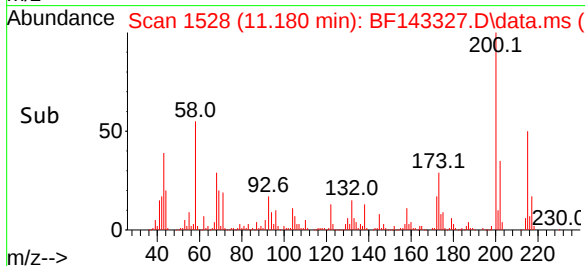
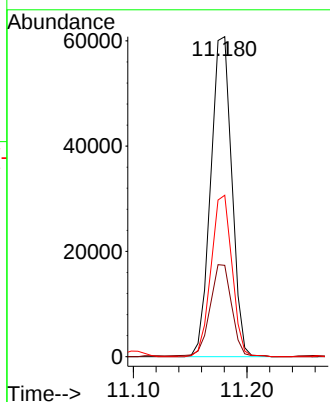
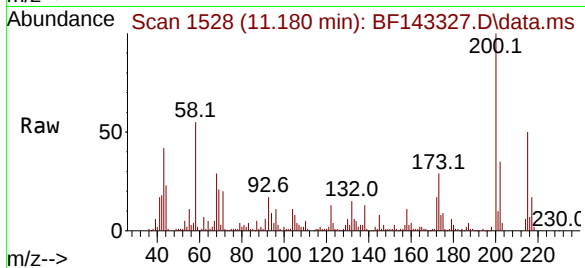
Tgt Ion:200 Resp: 78523

Ion Ratio Lower Upper

200 100

173 28.6 7.9 47.9

215 50.5 30.1 70.1



#70

Pentachlorophenol

Concen: 67.075 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

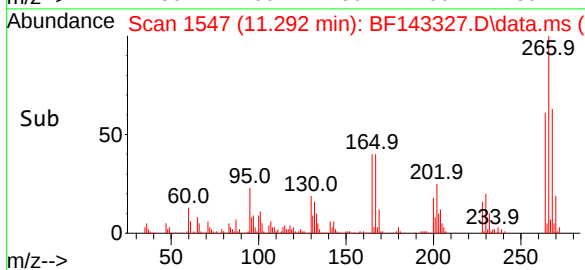
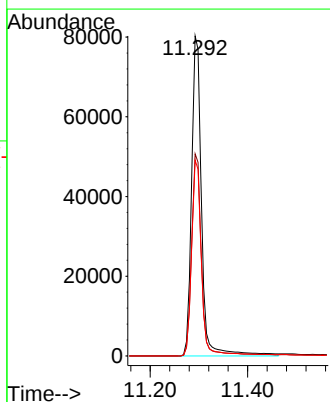
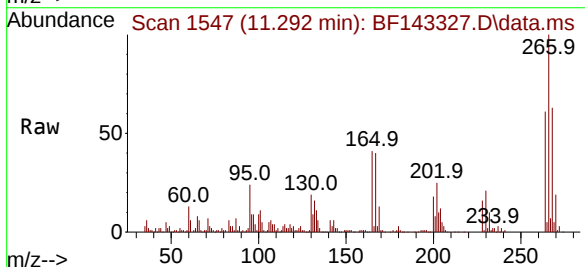
Tgt Ion:266 Resp: 114965

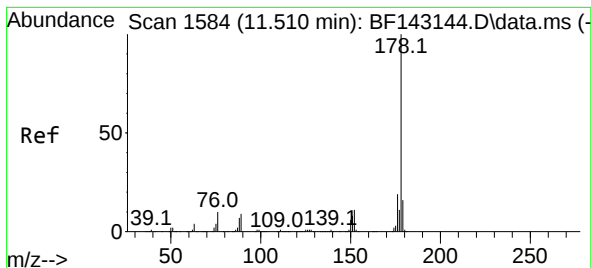
Ion Ratio Lower Upper

266 100

268 63.2 51.9 77.9

264 61.1 51.0 76.6





#71

Phenanthrene

Concen: 46.058 ng

RT: 11.516 min Scan# 1585

Delta R.T. 0.006 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

Instrument :

BNA_F

ClientSampleId :

TP-2MS

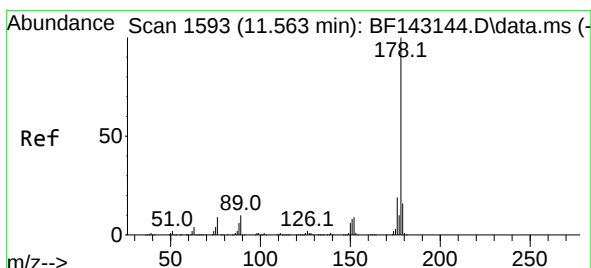
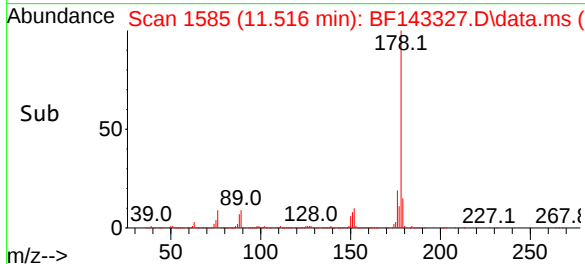
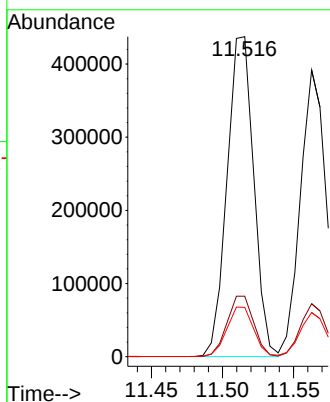
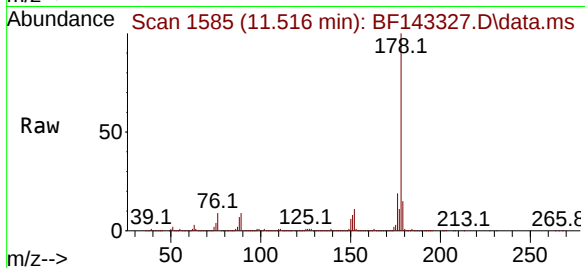
Tgt Ion:178 Resp: 572216

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.4 12.5 18.7



#72

Anthracene

Concen: 38.670 ng

RT: 11.563 min Scan# 1593

Delta R.T. -0.000 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

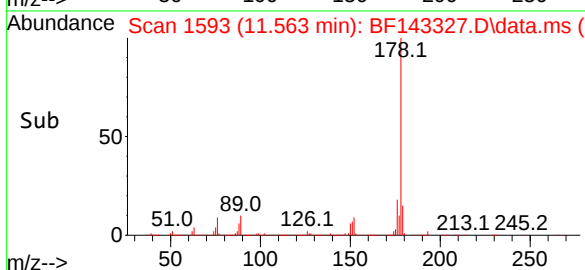
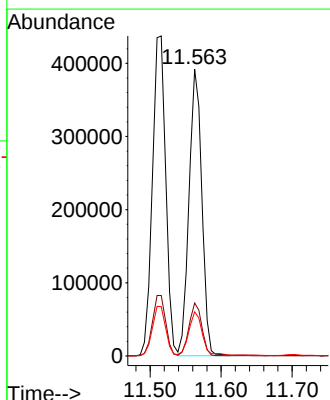
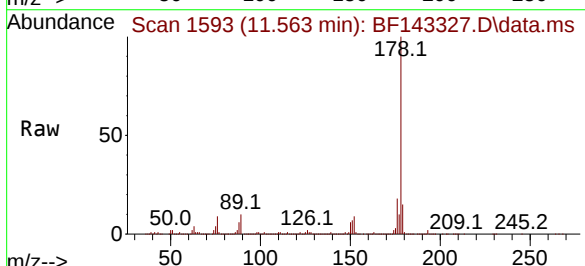
Tgt Ion:178 Resp: 489982

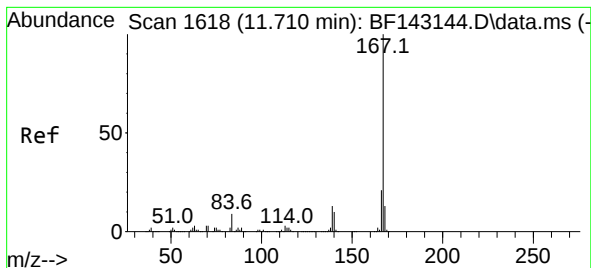
Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

179 15.4 12.5 18.7





#73

Carbazole

Concen: 38.097 ng

RT: 11.716 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

Instrument :

BNA_F

ClientSampleId :

TP-2MS

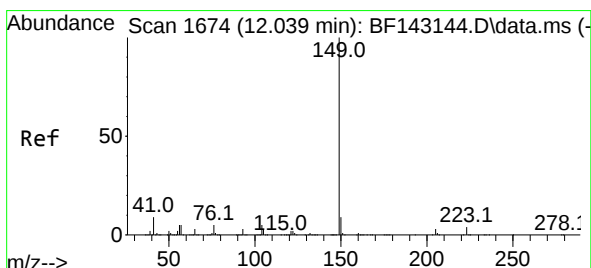
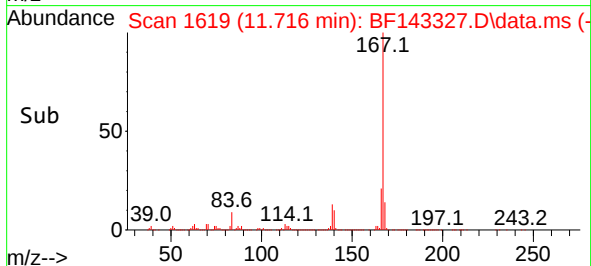
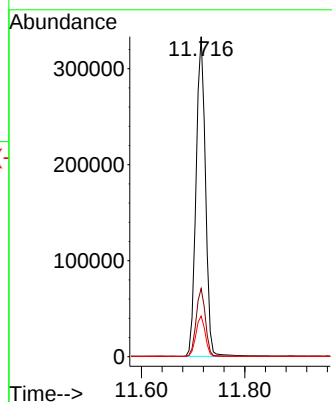
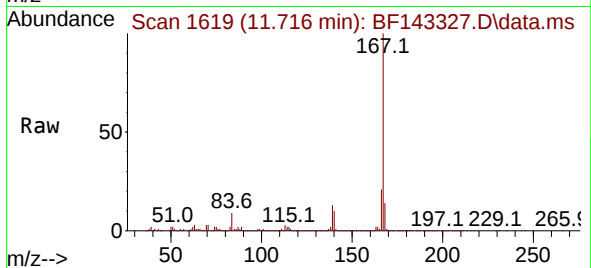
Tgt Ion:167 Resp: 421515

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.6

139 12.7 10.0 15.0



#74

Di-n-butylphthalate

Concen: 41.949 ng

RT: 12.045 min Scan# 1675

Delta R.T. 0.006 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

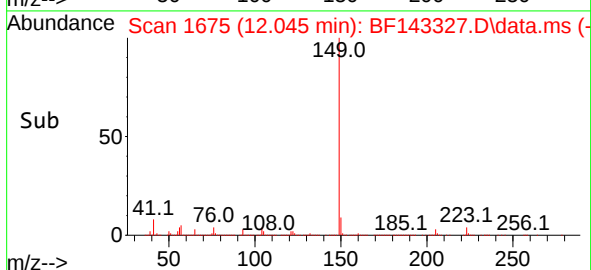
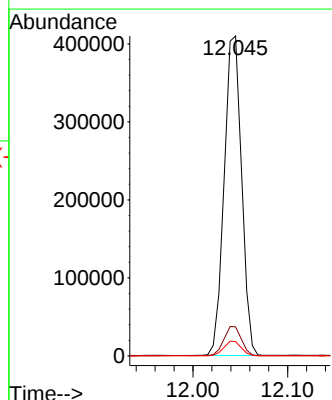
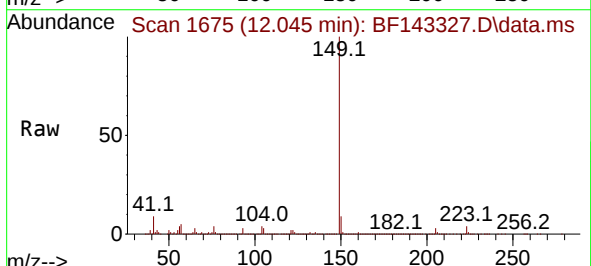
Tgt Ion:149 Resp: 525162

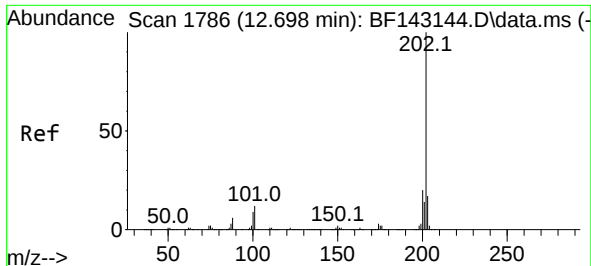
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 4.5 3.8 5.8

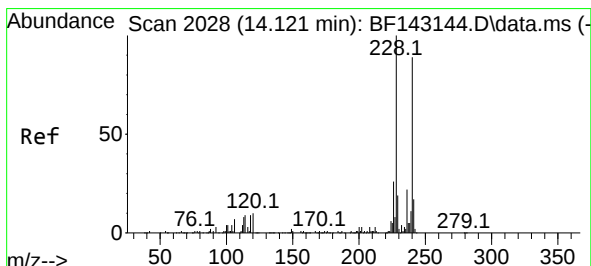
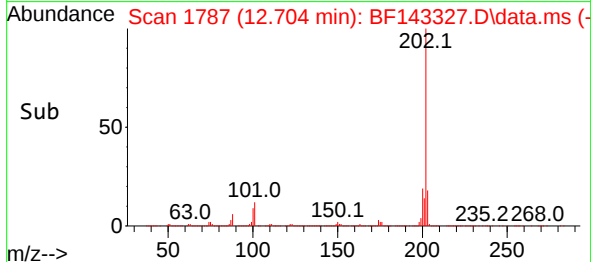
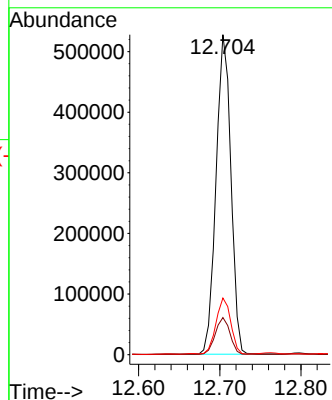
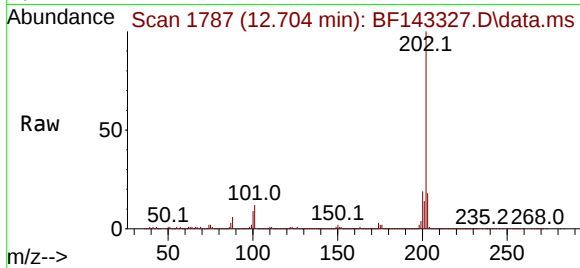




#75
Fluoranthene
Concen: 58.727 ng
RT: 12.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

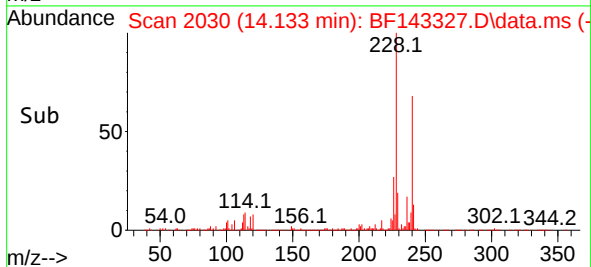
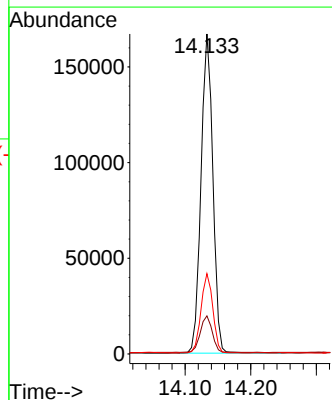
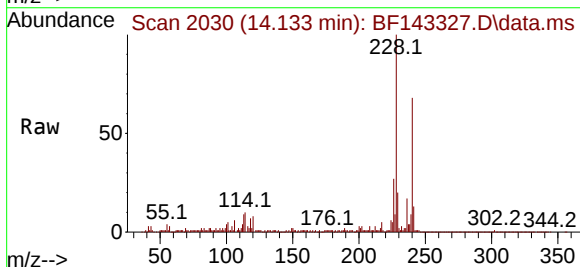
Instrument :
BNA_F
ClientSampleId :
TP-2MS

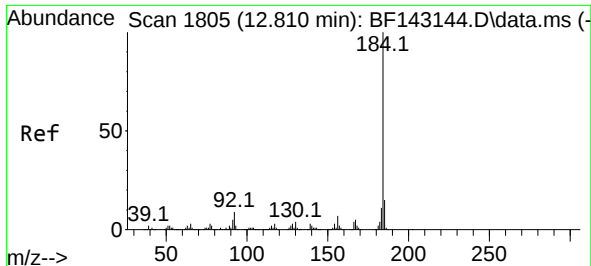
Tgt Ion:202 Resp: 669684
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.7
203 17.7 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2030
Delta R.T. 0.012 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

Tgt Ion:240 Resp: 209809
Ion Ratio Lower Upper
240 100
120 11.9 9.4 14.2
236 25.1 20.2 30.4

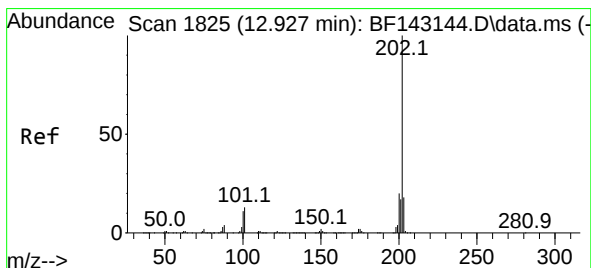
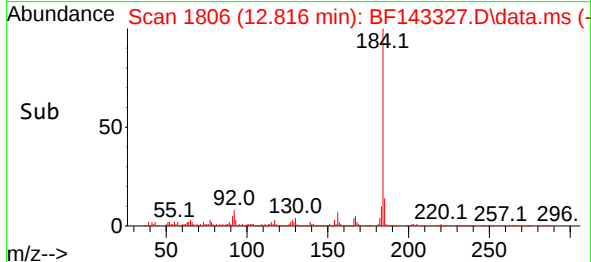
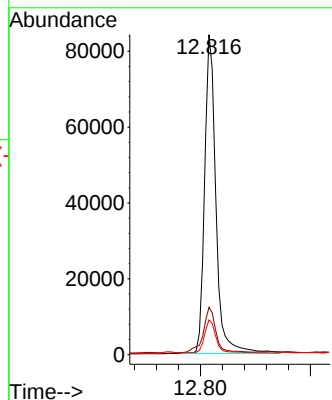
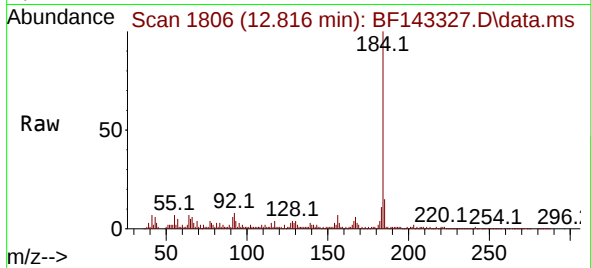




#77
Benzidine
Concen: 14.882 ng
RT: 12.816 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

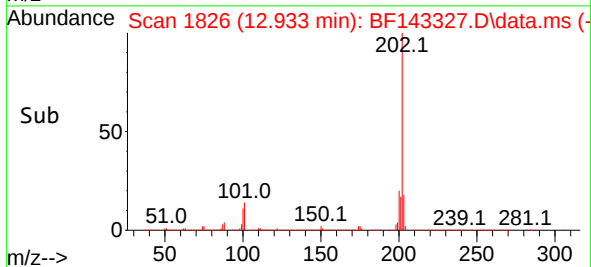
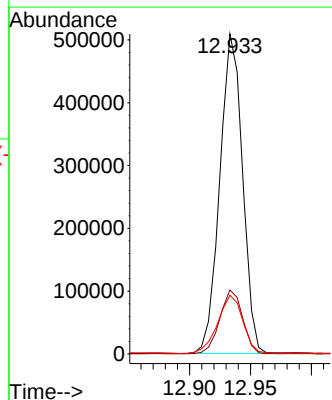
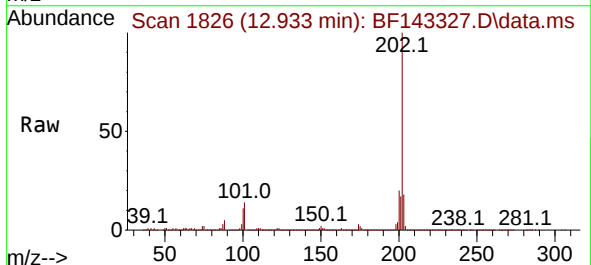
Instrument :
BNA_F
ClientSampleId :
TP-2MS

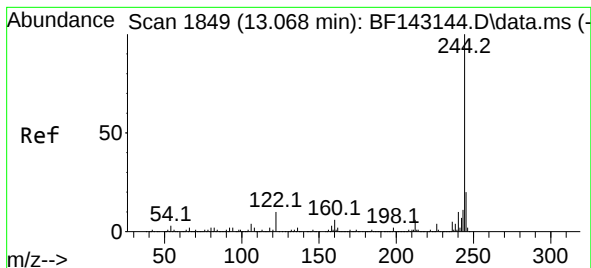
Tgt Ion:184 Resp: 120294
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.4
183 10.9 9.0 13.4



#78
Pyrene
Concen: 36.949 ng
RT: 12.933 min Scan# 1826
Delta R.T. 0.006 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

Tgt Ion:202 Resp: 661606
Ion Ratio Lower Upper
202 100
200 20.0 15.7 23.5
203 18.4 14.2 21.2





#79

Terphenyl-d14

Concen: 27.810 ng

RT: 13.068 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

Instrument :

BNA_F

ClientSampleId :

TP-2MS

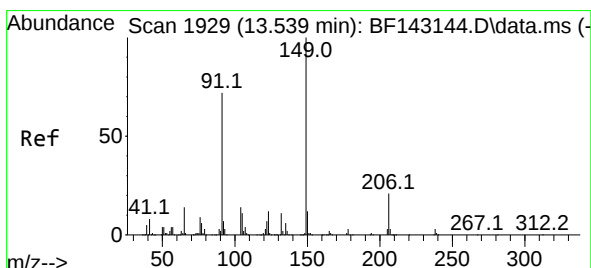
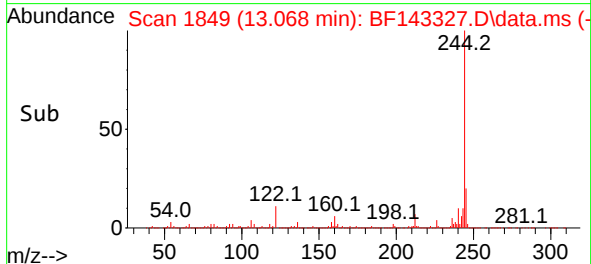
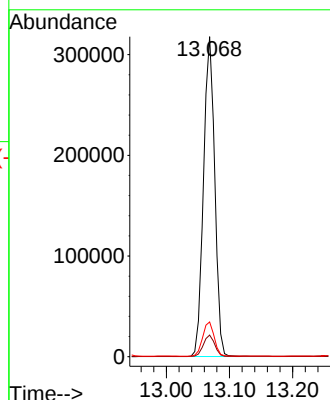
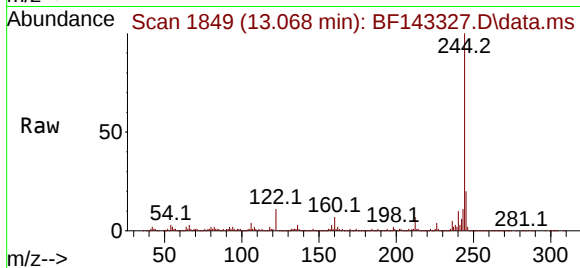
Tgt Ion:244 Resp: 392101

Ion Ratio Lower Upper

244 100

212 6.7 5.2 7.8

122 10.8 8.2 12.2



#80

Butylbenzylphthalate

Concen: 41.269 ng

RT: 13.545 min Scan# 1930

Delta R.T. 0.006 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

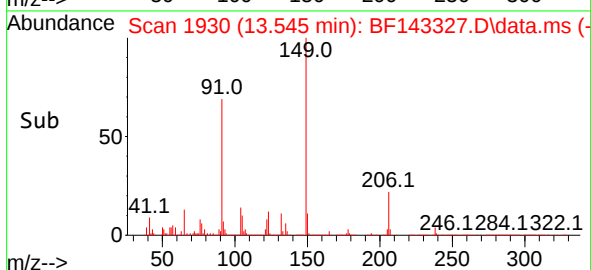
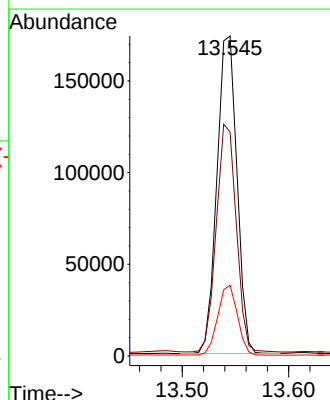
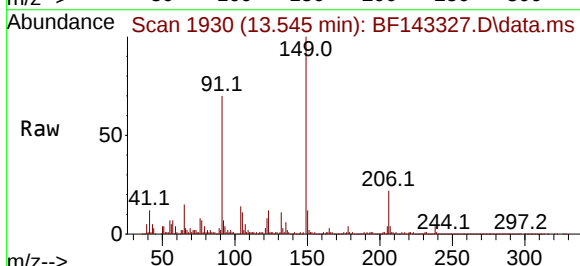
Tgt Ion:149 Resp: 226281

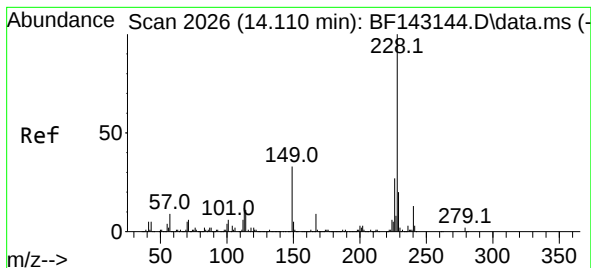
Ion Ratio Lower Upper

149 100

91 70.0 57.9 86.9

206 22.1 17.0 25.4





#81

Benzo(a)anthracene

Concen: 45.919 ng

RT: 14.121 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

Instrument :

BNA_F

ClientSampleId :

TP-2MS

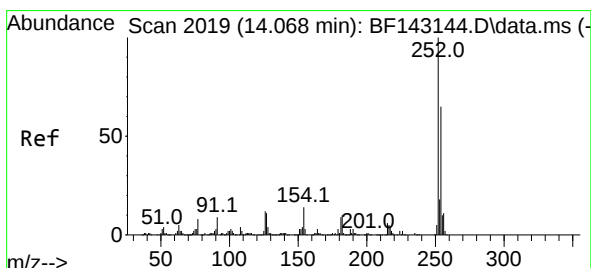
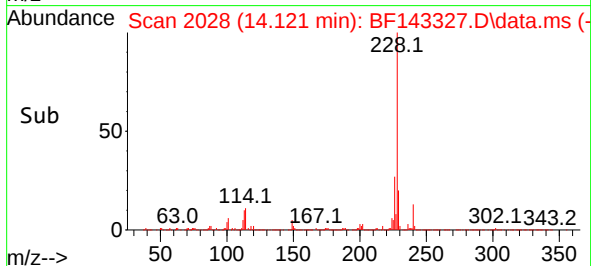
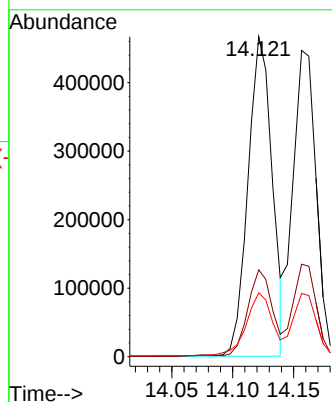
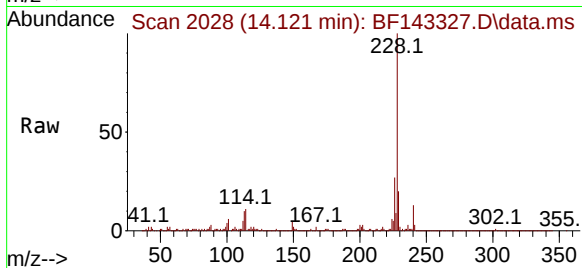
Tgt Ion:228 Resp: 645019

Ion Ratio Lower Upper

228 100

226 27.2 21.7 32.5

229 20.0 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 30.159 ng

RT: 14.080 min Scan# 2021

Delta R.T. 0.012 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

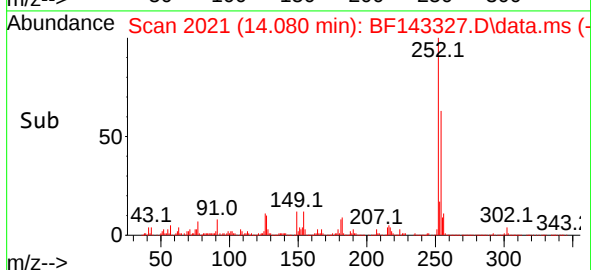
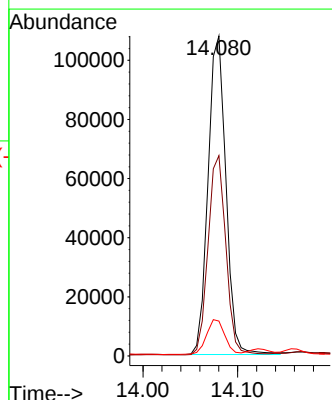
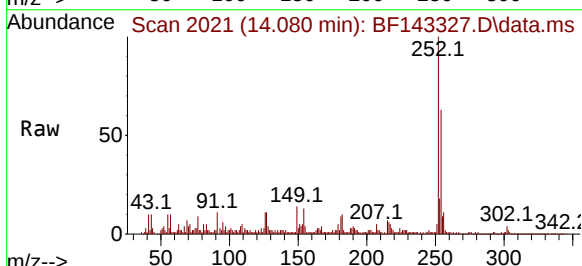
Tgt Ion:252 Resp: 141195

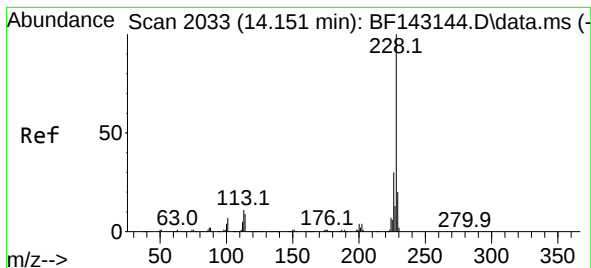
Ion Ratio Lower Upper

252 100

254 62.6 51.7 77.5

126 10.9 9.4 14.0





#83

Chrysene

Concen: 46.792 ng

RT: 14.157 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

Instrument :

BNA_F

ClientSampleId :

TP-2MS

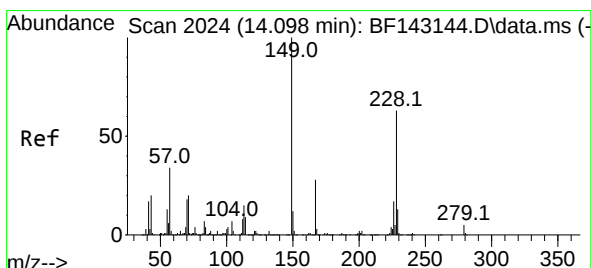
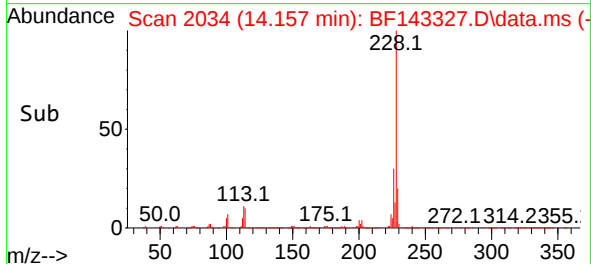
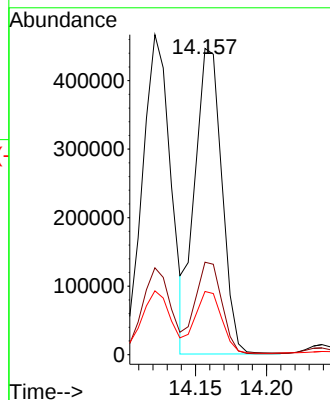
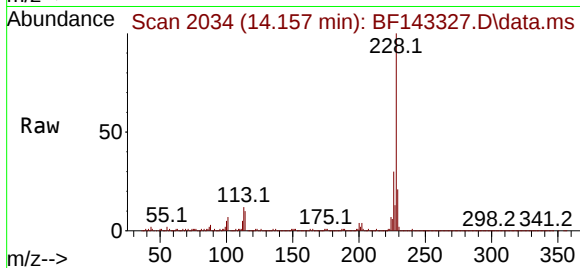
Tgt Ion:228 Resp: 590950

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.8

229 20.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.928 ng

RT: 14.104 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

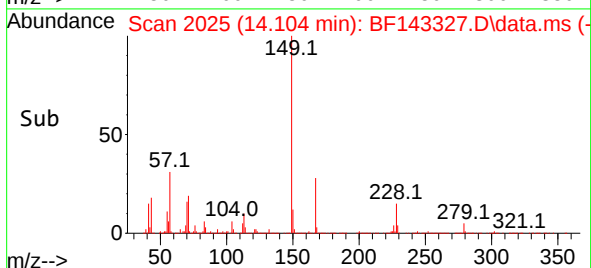
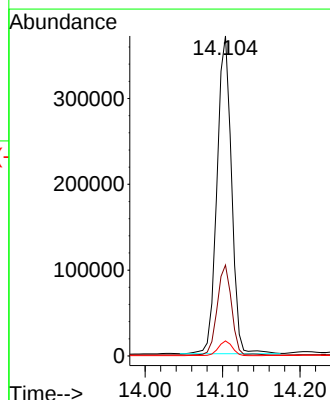
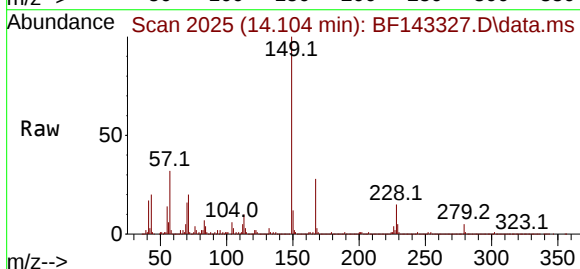
Tgt Ion:149 Resp: 480756

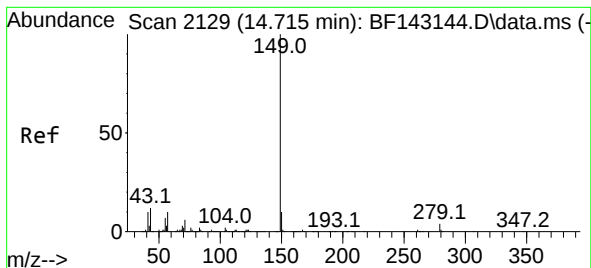
Ion Ratio Lower Upper

149 100

167 28.4 22.3 33.5

279 4.7 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 35.192 ng

RT: 14.715 min Scan# 2129

Delta R.T. -0.000 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

Instrument :

BNA_F

ClientSampleId :

TP-2MS

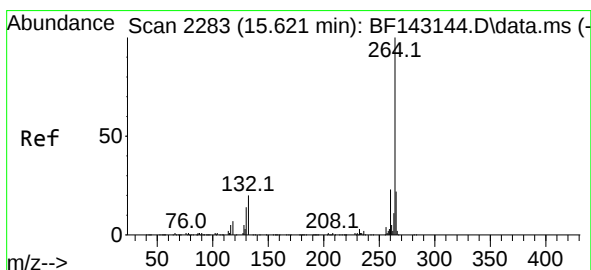
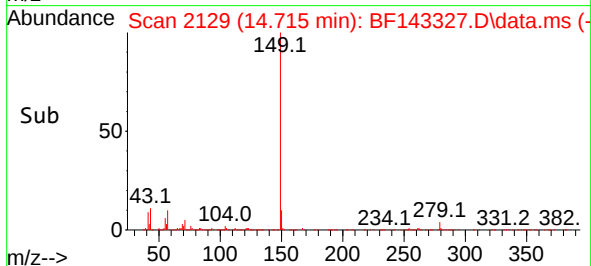
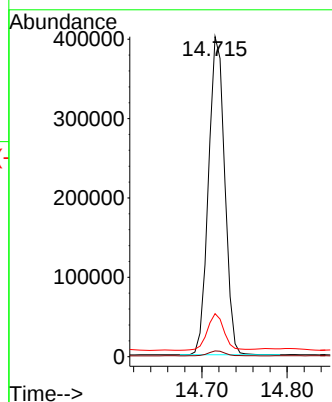
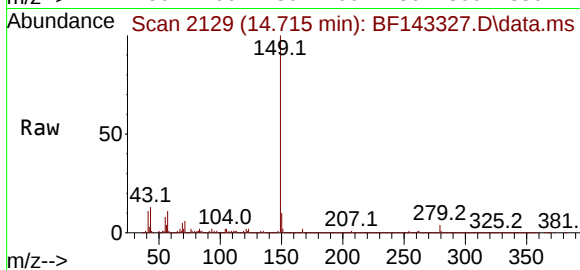
Tgt Ion:149 Resp: 529402

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7

43 11.9 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.639 min Scan# 2286

Delta R.T. 0.018 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

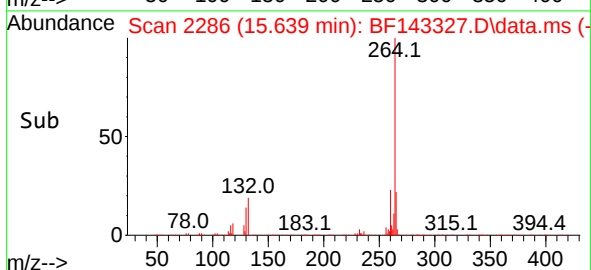
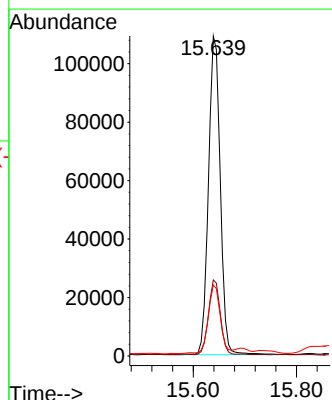
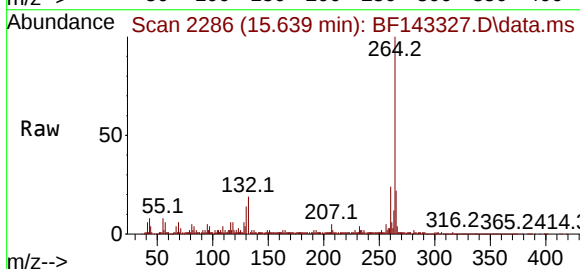
Tgt Ion:264 Resp: 172965

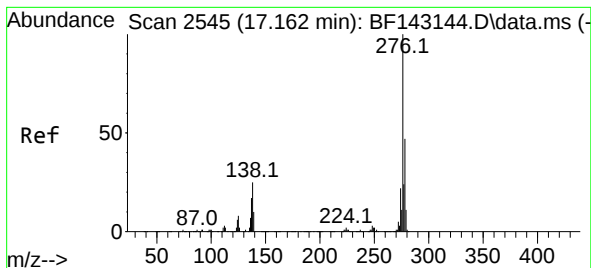
Ion Ratio Lower Upper

264 100

260 23.7 18.5 27.7

265 22.2 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 33.111 ng

RT: 17.192 min Scan# 2111

Delta R.T. 0.029 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

Instrument :

BNA_F

ClientSampleId :

TP-2MS

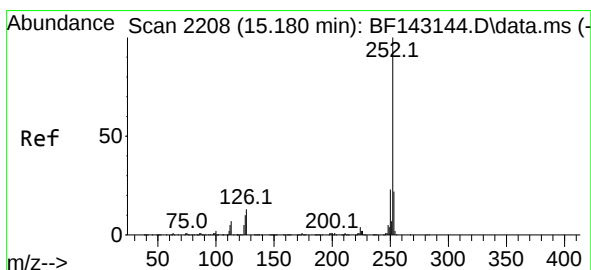
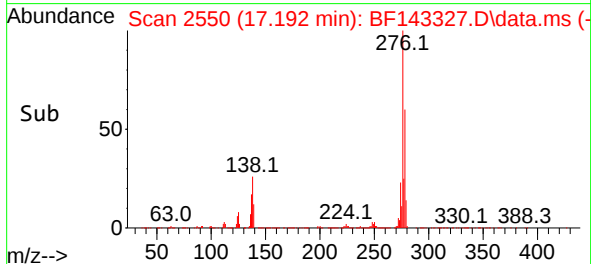
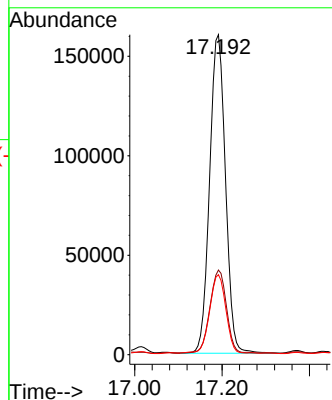
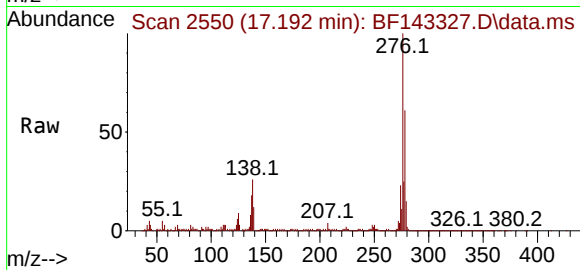
Tgt Ion:276 Resp: 403832

Ion Ratio Lower Upper

276 100

138 27.0 21.8 32.6

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 58.647 ng

RT: 15.198 min Scan# 2211

Delta R.T. 0.018 min

Lab File: BF143327.D

Acq: 06 Aug 2025 13:49

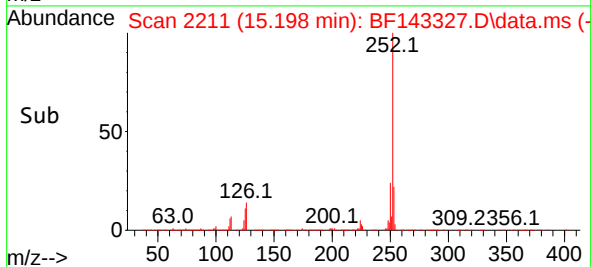
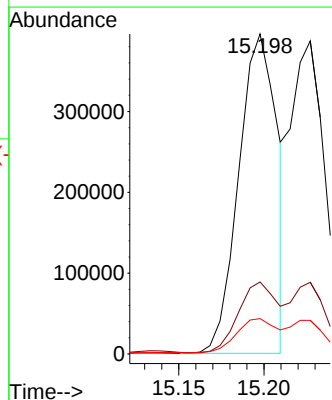
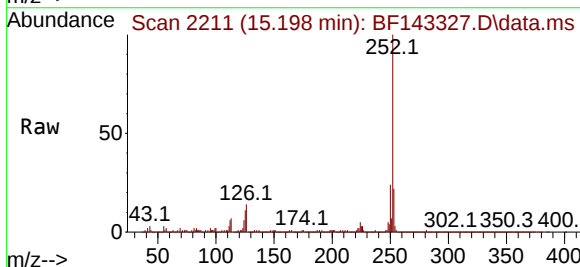
Tgt Ion:252 Resp: 619701

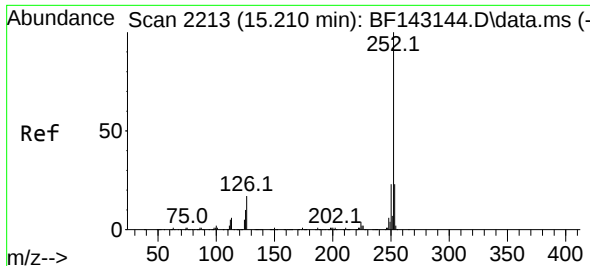
Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 11.0 8.0 12.0

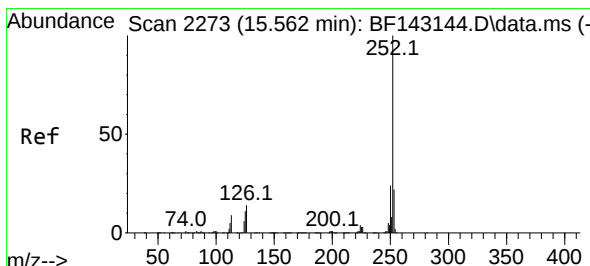
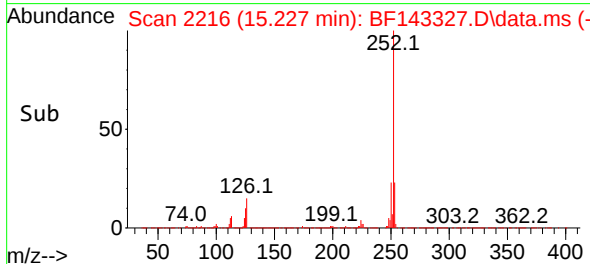
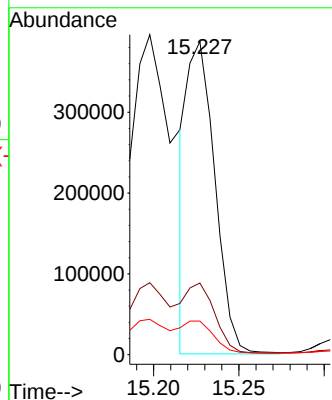
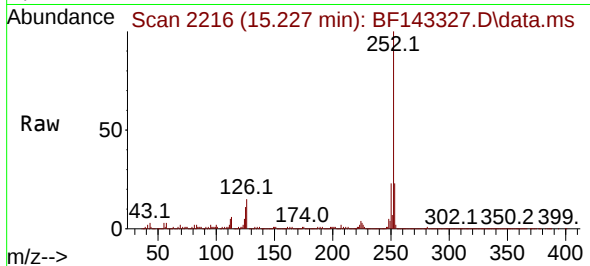




#89
Benzo(k)fluoranthene
Concen: 46.768 ng
RT: 15.227 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

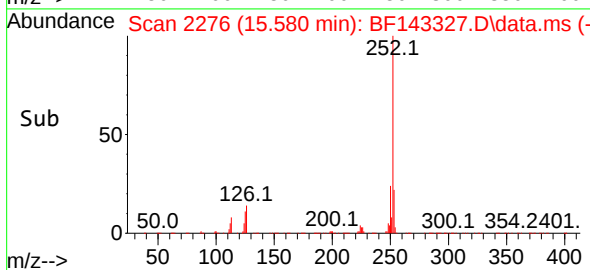
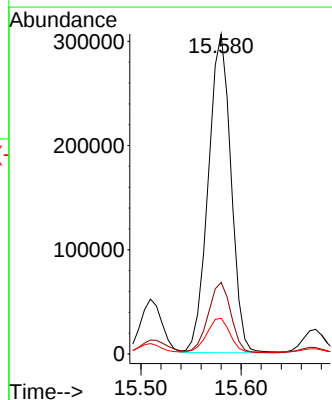
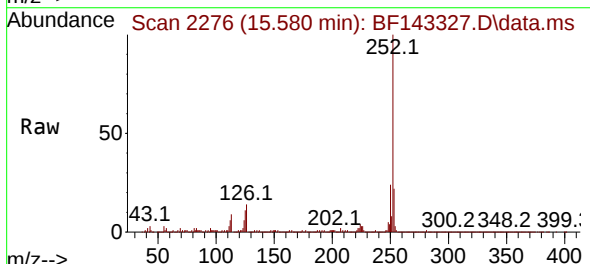
Instrument :
BNA_F
ClientSampleId :
TP-2MS

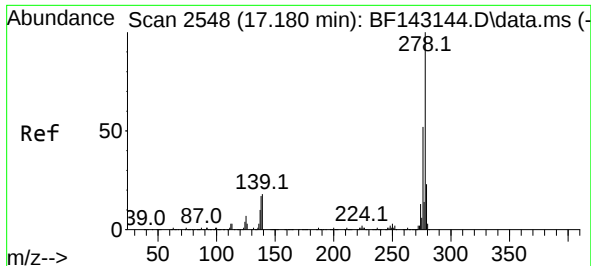
Tgt Ion:252 Resp: 440982
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 10.7 8.1 12.1



#90
Benzo(a)pyrene
Concen: 49.551 ng
RT: 15.580 min Scan# 2276
Delta R.T. 0.018 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

Tgt Ion:252 Resp: 482399
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 11.1 8.6 13.0

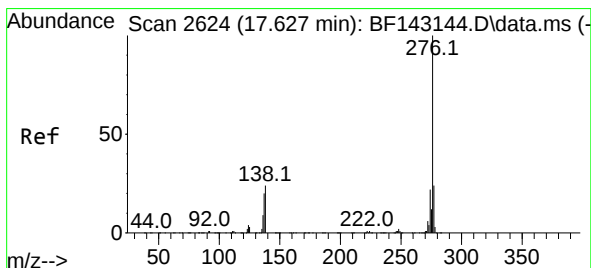
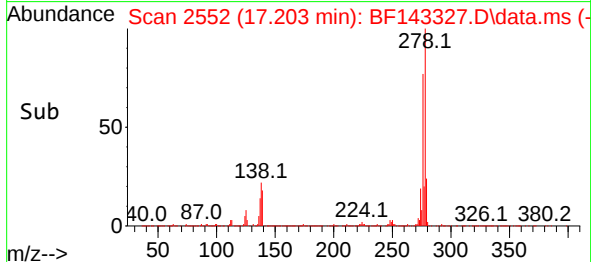
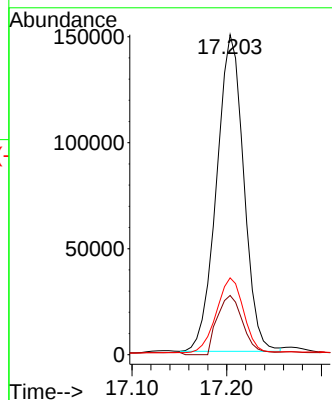
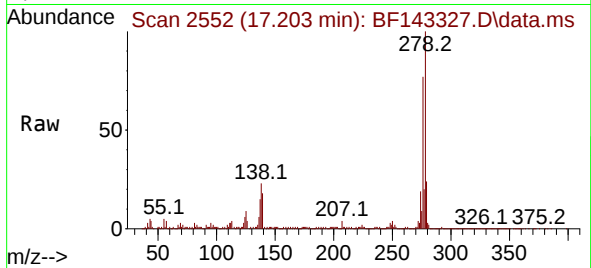




#91
Dibenzo(a,h)anthracene
Concen: 29.951 ng
RT: 17.203 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tgt Ion:278 Resp: 297327
Ion Ratio Lower Upper
278 100
139 18.5 14.1 21.1
279 24.0 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 29.285 ng
RT: 17.656 min Scan# 2629
Delta R.T. 0.029 min
Lab File: BF143327.D
Acq: 06 Aug 2025 13:49

Tgt Ion:276 Resp: 281218
Ion Ratio Lower Upper
276 100
277 24.3 19.1 28.7
138 23.7 18.9 28.3

