

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
 Data File : BF143236.D
 Acq On : 24 Jul 2025 16:28
 Operator : RC/JU
 Sample : Q2668-09MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Quant Time: Jul 24 16:57:07 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	108369	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	375786	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	165623	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	268298	20.000	ng	0.00
76) Chrysene-d12	14.127	240	264314	20.000	ng	0.00
86) Perylene-d12	15.627	264	215349	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	584145	85.300	ng	0.01
7) Phenol-d6	6.587	99	726348	84.267	ng	0.00
23) Nitrobenzene-d5	7.516	82	474381	62.925	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	152488	89.123	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	756576	62.474	ng	0.00
79) Terphenyl-d14	13.063	244	752549	42.369	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.875	88	132034	40.747	ng	99
3) Pyridine	3.634	79	346590	41.209	ng	98
4) n-Nitrosodimethylamine	3.575	42	189017	43.529	ng	97
6) Aniline	6.622	93	224982	18.728	ng	99
8) 2-Chlorophenol	6.751	128	287426	40.041	ng	97
9) Benzaldehyde	6.510	77	196822	30.452	ng	98
10) Phenol	6.604	94	368421	39.235	ng	98
11) bis(2-Chloroethyl)ether	6.692	93	289887	40.319	ng	99
12) 1,3-Dichlorobenzene	6.904	146	324105	41.563	ng	99
13) 1,4-Dichlorobenzene	6.981	146	325989	41.512	ng	99
14) 1,2-Dichlorobenzene	7.134	146	309143	41.390	ng	99
15) Benzyl Alcohol	7.098	79	262857	39.939	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	524414	39.319	ng	99
17) 2-Methylphenol	7.210	107	232149	38.463	ng	99
18) Hexachloroethane	7.481	117	111089	40.863	ng	97
19) n-Nitroso-di-n-propyla...	7.369	70	210283	38.025	ng	99
20) 3+4-Methylphenols	7.357	107	282311	38.552	ng	# 82
22) Acetophenone	7.363	105	384991	43.273	ng	95
24) Nitrobenzene	7.539	77	311133	44.267	ng	99
25) Isophorone	7.775	82	554492	41.665	ng	99
26) 2-Nitrophenol	7.857	139	139128	45.610	ng	99
27) 2,4-Dimethylphenol	7.886	122	250138	40.229	ng	99
28) bis(2-Chloroethoxy)met...	7.981	93	336109	42.123	ng	100
29) 2,4-Dichlorophenol	8.098	162	212655	40.555	ng	100
30) 1,2,4-Trichlorobenzene	8.181	180	244229	43.112	ng	99
31) Naphthalene	8.263	128	792037	42.797	ng	99
32) Benzoic acid	7.975	122	119506	35.617	ng	99
33) 4-Chloroaniline	8.304	127	96827	12.813	ng	99
34) Hexachlorobutadiene	8.386	225	154067	44.520	ng	99
35) Caprolactam	8.663	113	66107	41.720	ng	97
36) 4-Chloro-3-methylphenol	8.786	107	216656	38.014	ng	98
37) 2-Methylnaphthalene	8.957	142	459961	40.843	ng	98
38) 1-Methylnaphthalene	9.057	142	464080	40.018	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	221661	46.356	ng	100
41) Hexachlorocyclopentadiene	9.110	237	144706	46.509	ng	99
43) 2,4,6-Trichlorophenol	9.228	196	138495	41.849	ng	99

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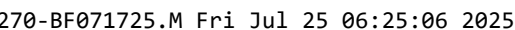
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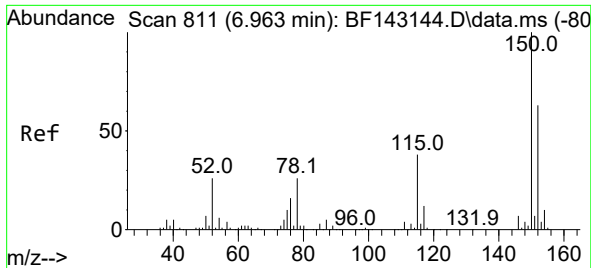
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 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	135948	41.067	ng	99
46) 1,1'-Biphenyl	9.416	154	603041	46.668	ng	100
47) 2-Chloronaphthalene	9.445	162	428588	44.826	ng	99
48) 2-Nitroaniline	9.528	65	141545	47.207	ng	97
49) Acenaphthylene	9.857	152	697856	43.553	ng	99
50) Dimethylphthalate	9.710	163	502059	46.505	ng	100
51) 2,6-Dinitrotoluene	9.769	165	101447	46.193	ng	98
52) Acenaphthene	10.033	154	411158	43.415	ng	99
53) 3-Nitroaniline	9.939	138	72056	28.051	ng	99
54) 2,4-Dinitrophenol	10.039	184	30629	34.872	ng	# 1
55) Dibenzofuran	10.204	168	596941	42.455	ng	100
56) 4-Nitrophenol	10.098	139	169914	88.579	ng	98
57) 2,4-Dinitrotoluene	10.175	165	131198	47.616	ng	93
58) Fluorene	10.545	166	448817	42.531	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	109812	40.046	ng	99
60) Diethylphthalate	10.410	149	484604	45.415	ng	100
61) 4-Chlorophenyl-phenyle...	10.533	204	222162	42.279	ng	96
62) 4-Nitroaniline	10.551	138	85324	38.756	ng	99
63) Azobenzene	10.698	77	519126	46.679	ng	91
65) 4,6-Dinitro-2-methylph...	10.580	198	27776	22.934	ng	97
66) n-Nitrosodiphenylamine	10.651	169	395656	41.879	ng	99
67) 4-Bromophenyl-phenylether	11.027	248	133391	41.719	ng	99
68) Hexachlorobenzene	11.098	284	138227	41.361	ng	99
69) Atrazine	11.174	200	123908	47.573	ng	100
70) Pentachlorophenol	11.286	266	168317	85.643	ng	99
71) Phenanthrene	11.510	178	630770	44.278	ng	100
72) Anthracene	11.557	178	642897	44.249	ng	100
73) Carbazole	11.710	167	619465	48.828	ng	99
74) Di-n-butylphthalate	12.039	149	742569	51.729	ng	100
75) Fluoranthene	12.698	202	750836	57.422	ng	99
77) Benzidine	12.810	184	373003	36.629	ng	99
78) Pyrene	12.927	202	768472	34.067	ng	100
80) Butylbenzylphthalate	13.539	149	341948	49.504	ng	98
81) Benzo(a)anthracene	14.115	228	778239	43.979	ng	99
82) 3,3'-Dichlorobenzidine	14.068	252	146248	24.797	ng	99
83) Chrysene	14.151	228	696023	43.747	ng	99
84) Bis(2-ethylhexyl)phtha...	14.098	149	496301	47.469	ng	99
85) Di-n-octyl phthalate	14.715	149	884875	46.692	ng	100
87) Indeno(1,2,3-cd)pyrene	17.168	276	450467	29.665	ng	98
88) Benzo(b)fluoranthene	15.186	252	669775	50.911	ng	100
89) Benzo(k)fluoranthene	15.215	252	620547	52.859	ng	100
90) Benzo(a)pyrene	15.562	252	552142	45.552	ng	99
91) Dibenzo(a,h)anthracene	17.180	278	366354	29.641	ng	99
92) Benzo(g,h,i)perylene	17.633	276	352110	29.451	ng	98

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

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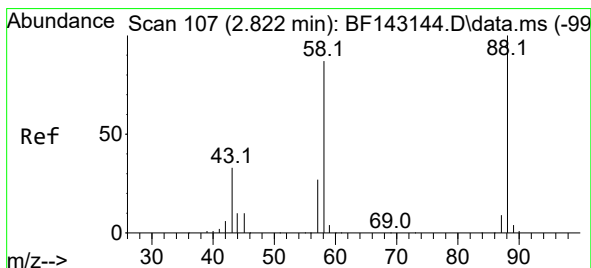
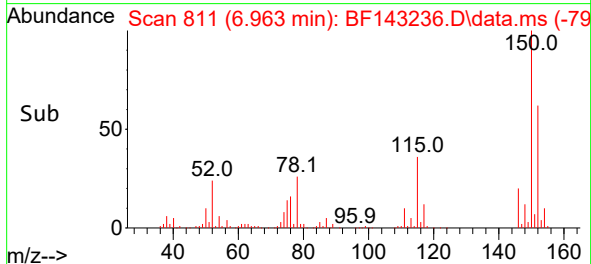
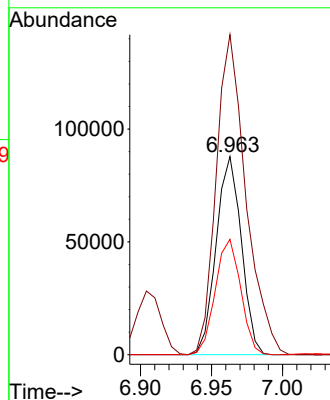
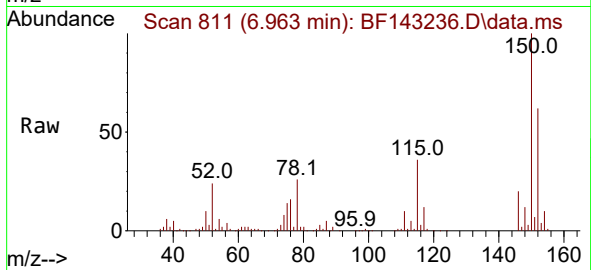




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF143236.D
 Acq: 24 Jul 2025 16:28

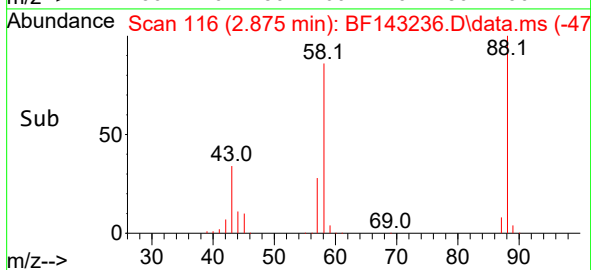
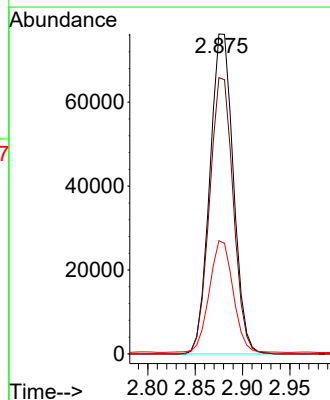
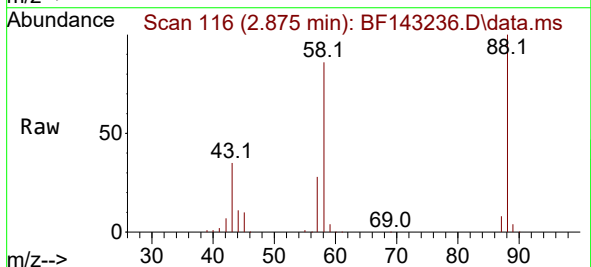
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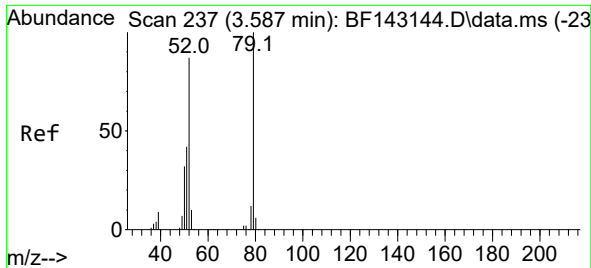
Tgt Ion:152 Resp: 108369
 Ion Ratio Lower Upper
 152 100
 150 161.5 128.2 192.4
 115 58.3 47.9 71.9



#2
 1,4-Dioxane
 Concen: 40.747 ng
 RT: 2.875 min Scan# 116
 Delta R.T. 0.053 min
 Lab File: BF143236.D
 Acq: 24 Jul 2025 16:28

Tgt Ion: 88 Resp: 132034
 Ion Ratio Lower Upper
 88 100
 58 86.9 70.2 105.2
 43 35.2 27.1 40.7





#3

Pyridine

Concen: 41.209 ng

RT: 3.634 min Scan# 24

Delta R.T. 0.047 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

Instrument :

BNA_F

ClientSampleId :

TP-1MS

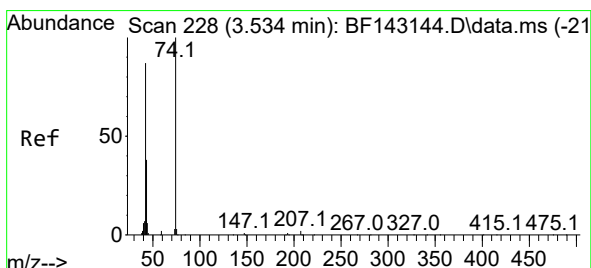
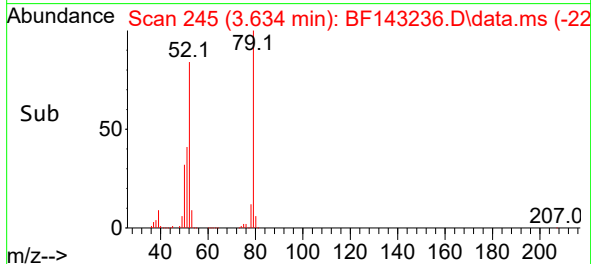
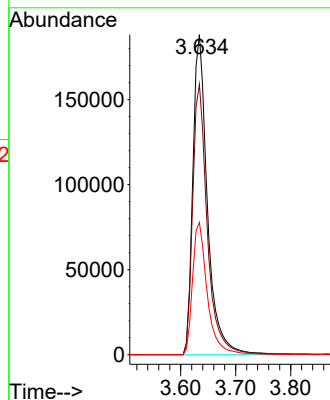
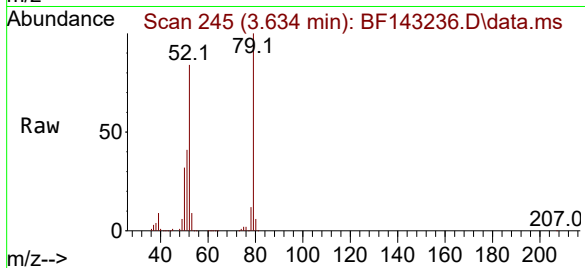
Tgt Ion: 79 Resp: 346590

Ion Ratio Lower Upper

79 100

52 84.5 69.4 104.2

51 41.4 33.5 50.3



#4

n-Nitrosodimethylamine

Concen: 43.529 ng

RT: 3.575 min Scan# 235

Delta R.T. 0.041 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

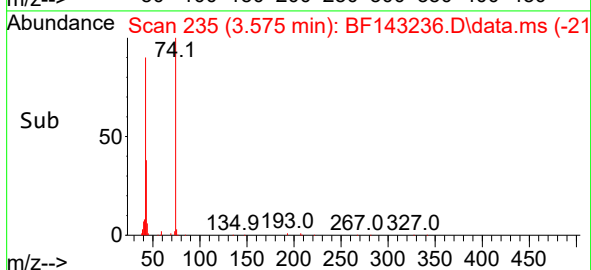
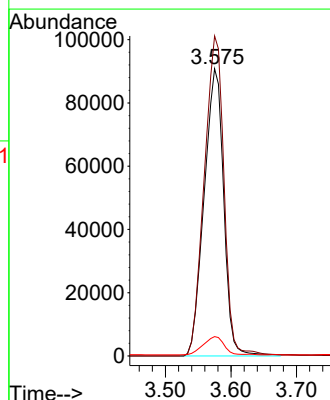
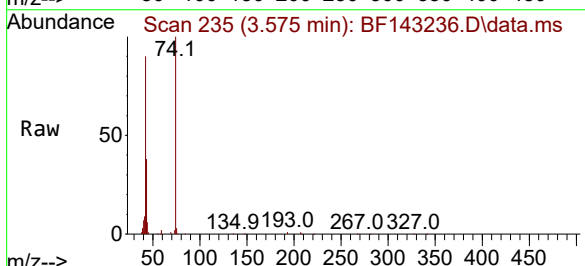
Tgt Ion: 42 Resp: 189017

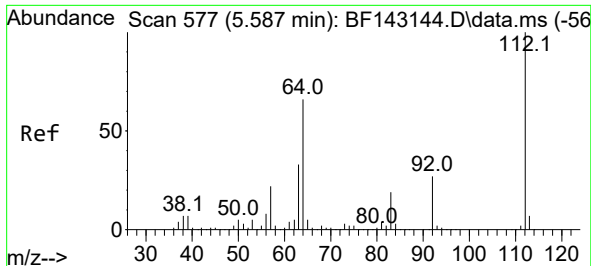
Ion Ratio Lower Upper

42 100

74 111.4 91.7 137.5

44 6.7 5.6 8.4

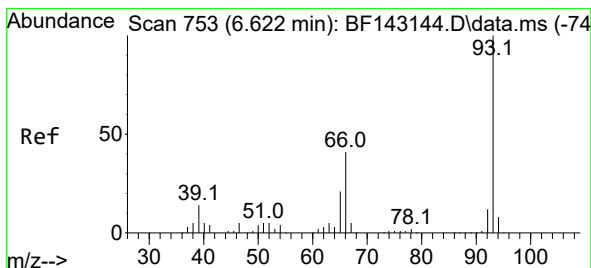
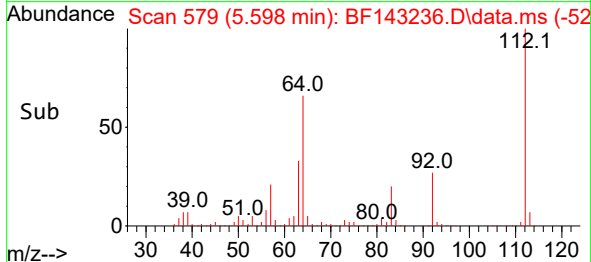
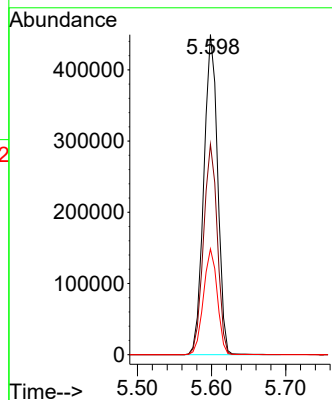
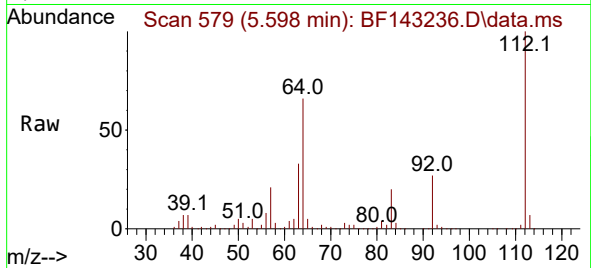




#5
2-Fluorophenol
Concen: 85.300 ng
RT: 5.598 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

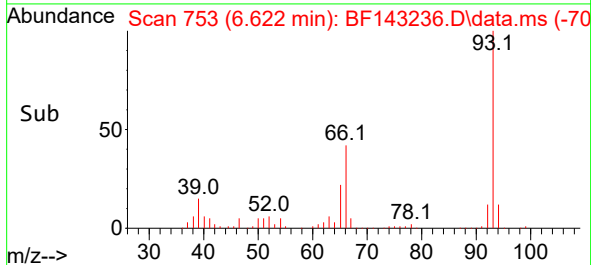
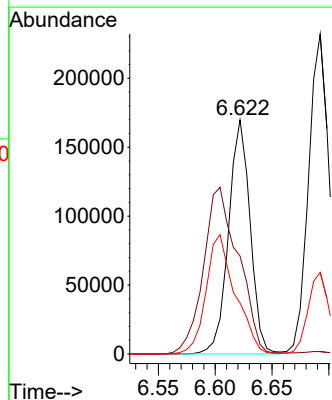
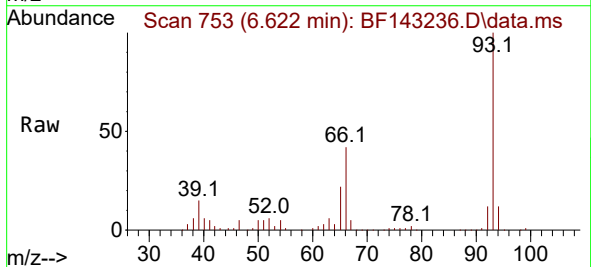
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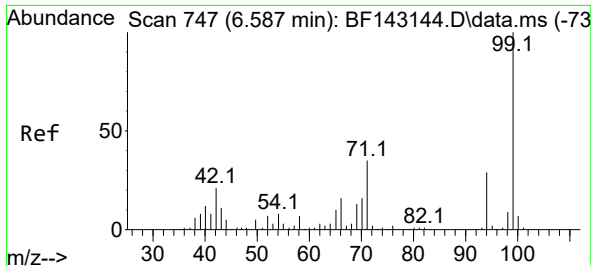
Tgt Ion:112 Resp: 584145
Ion Ratio Lower Upper
112 100
64 65.7 53.1 79.7
63 33.0 26.6 40.0



#6
Aniline
Concen: 18.728 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

Tgt Ion: 93 Resp: 224982
Ion Ratio Lower Upper
93 100
66 41.8 33.2 49.8
65 21.7 16.9 25.3

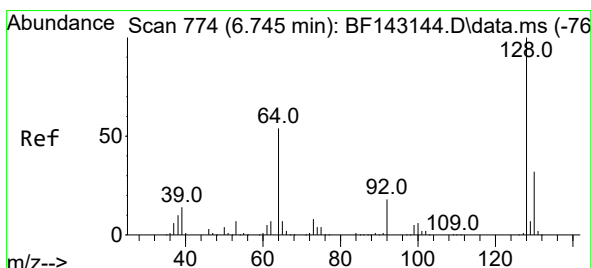
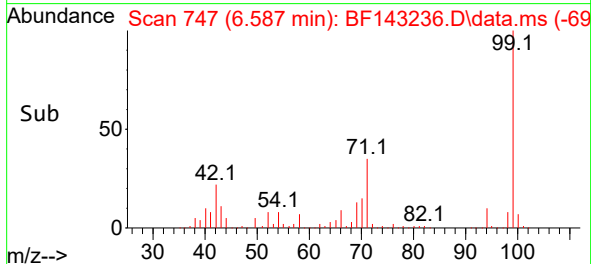
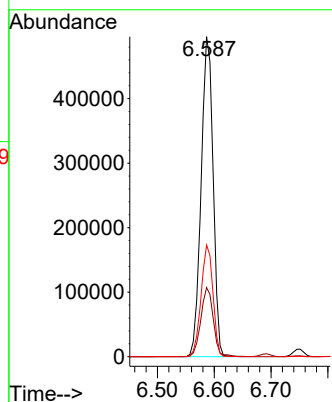
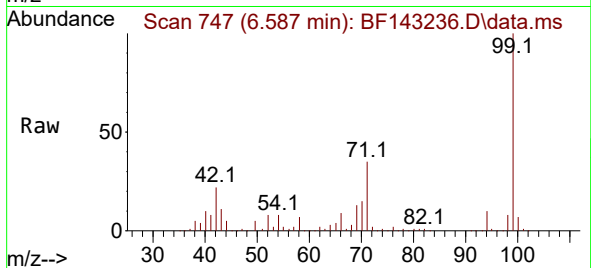




#7
Phenol-d6
Concen: 84.267 ng
RT: 6.587 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

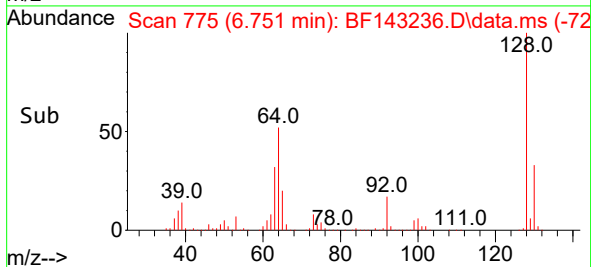
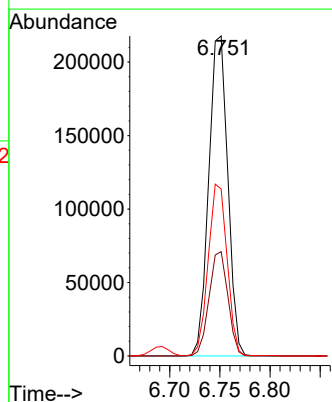
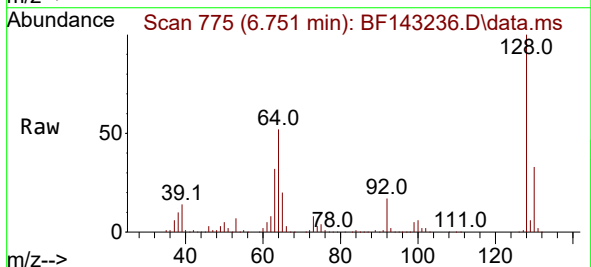
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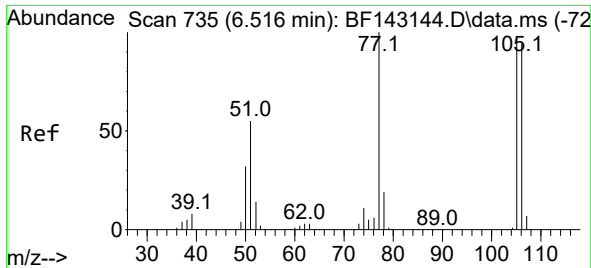
Tgt Ion: 99 Resp: 726348
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 34.9 27.7 41.5



#8
2-Chlorophenol
Concen: 40.041 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

Tgt Ion:128 Resp: 287426
Ion Ratio Lower Upper
128 100
130 32.6 12.3 52.3
64 52.2 35.9 75.9

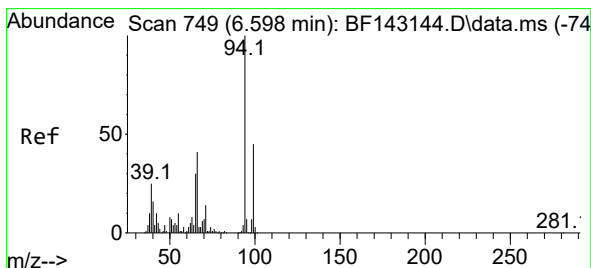
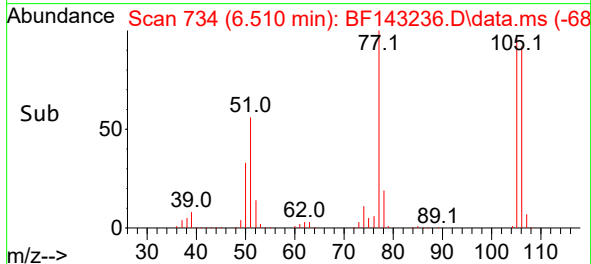
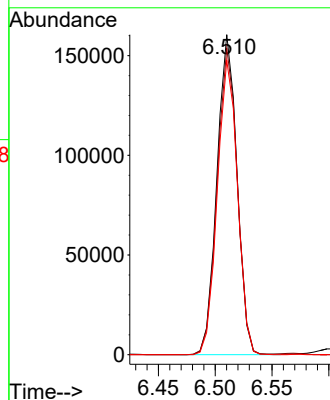
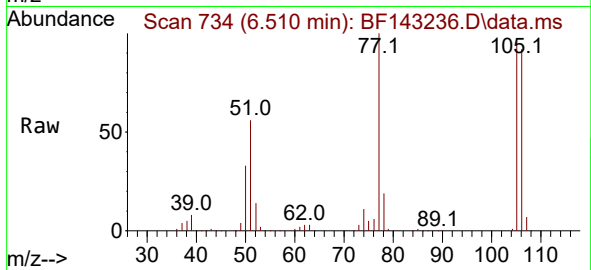




#9
Benzaldehyde
Concen: 30.452 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

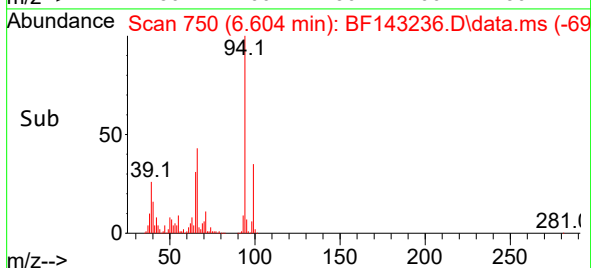
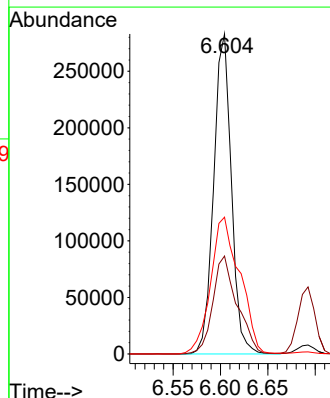
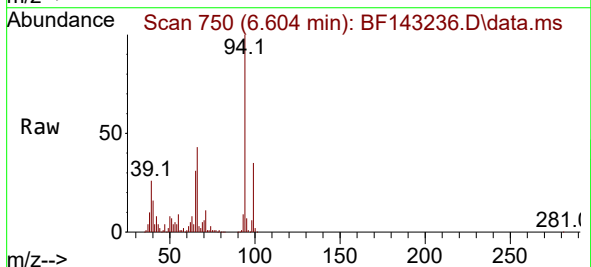
Instrument :
BNA_F
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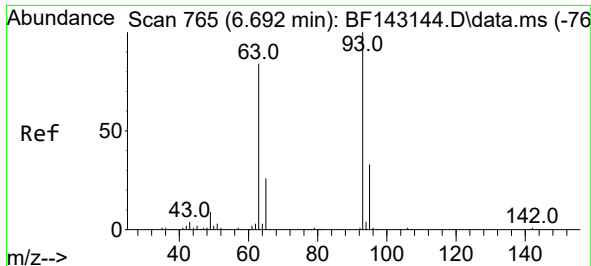
Tgt Ion: 77 Resp: 196822
Ion Ratio Lower Upper
77 100
105 95.8 76.8 116.8
106 92.0 74.4 114.4



#10
Phenol
Concen: 39.235 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

Tgt Ion: 94 Resp: 368421
Ion Ratio Lower Upper
94 100
65 30.6 10.0 50.0
66 42.7 20.8 60.8

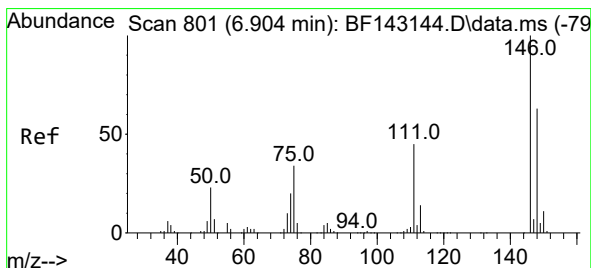
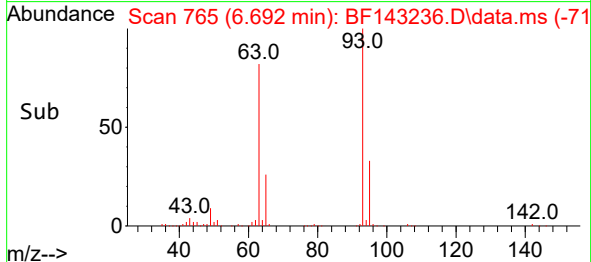
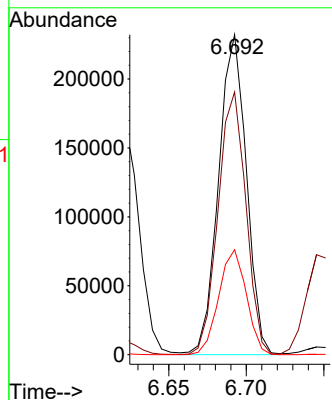
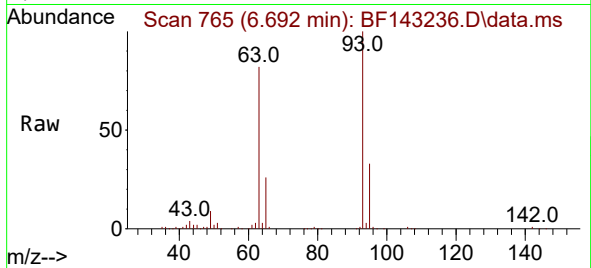




#11
bis(2-Chloroethyl)ether
Concen: 40.319 ng
RT: 6.692 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

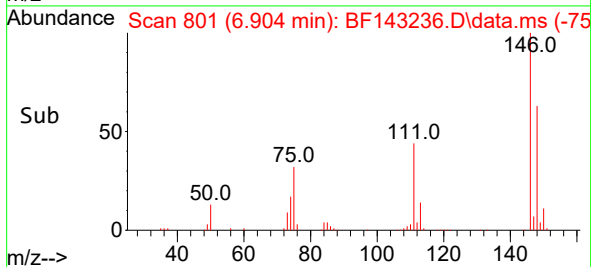
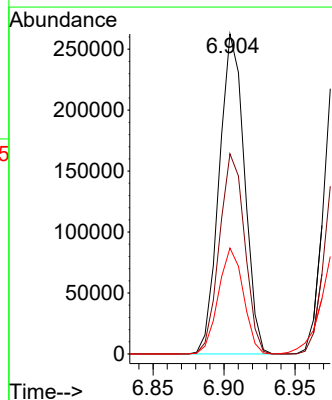
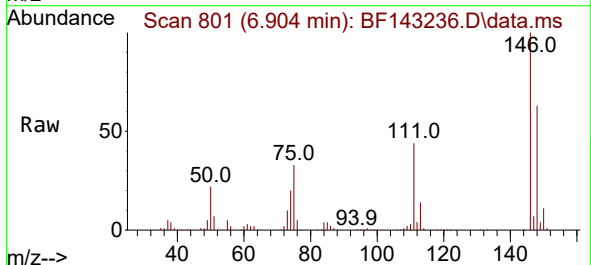
Instrument :
BNA_F
ClientSampleId :
TP-1MS

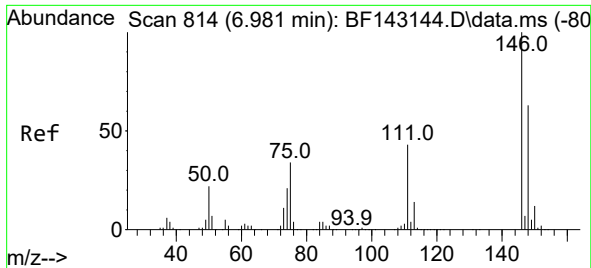
Tgt Ion: 93 Resp: 289887
Ion Ratio Lower Upper
93 100
63 82.1 63.4 103.4
95 32.8 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 41.563 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

Tgt Ion:146 Resp: 324105
Ion Ratio Lower Upper
146 100
148 62.6 50.6 76.0
75 33.1 27.4 41.2

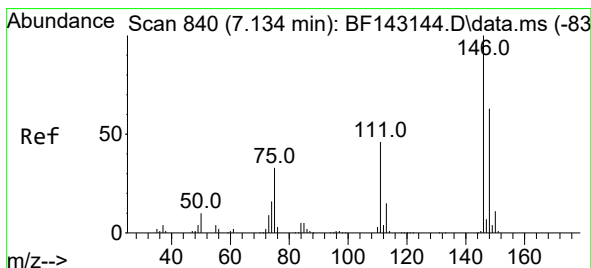
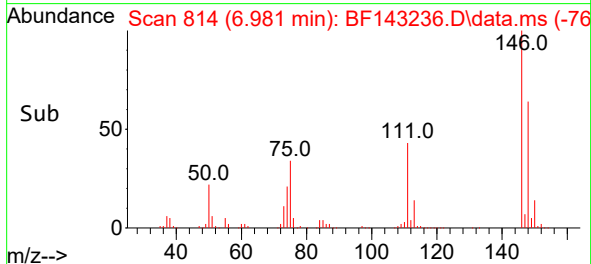
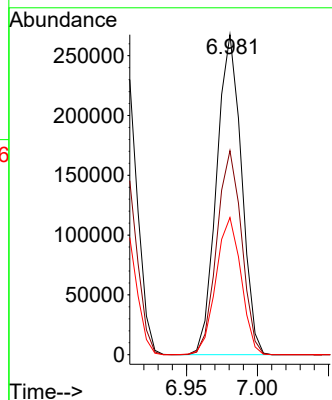
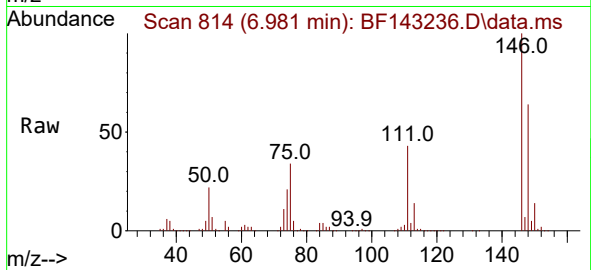




#13
1,4-Dichlorobenzene
Concen: 41.512 ng
RT: 6.981 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

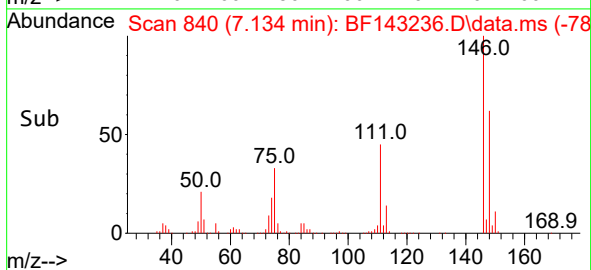
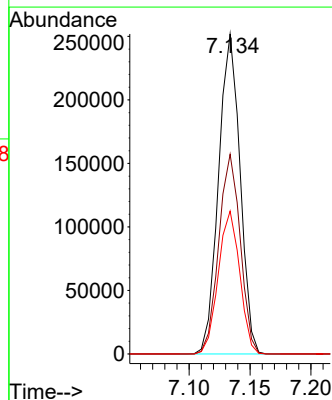
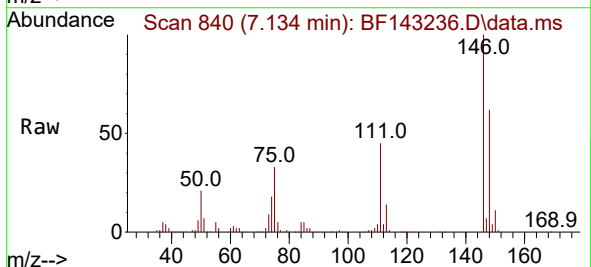
Instrument :
BNA_F
ClientSampleId :
TP-1MS

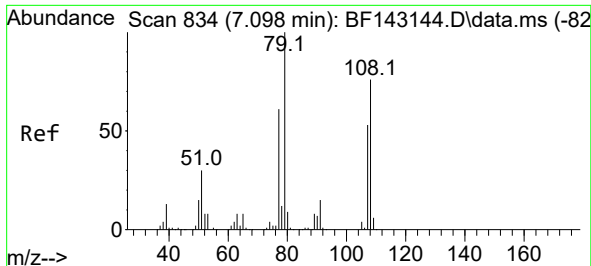
Tgt Ion:146 Resp: 325989
Ion Ratio Lower Upper
146 100
148 63.7 50.3 75.5
111 42.9 34.4 51.6



#14
1,2-Dichlorobenzene
Concen: 41.390 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

Tgt Ion:146 Resp: 309143
Ion Ratio Lower Upper
146 100
148 62.4 50.7 76.1
111 44.6 36.6 54.8

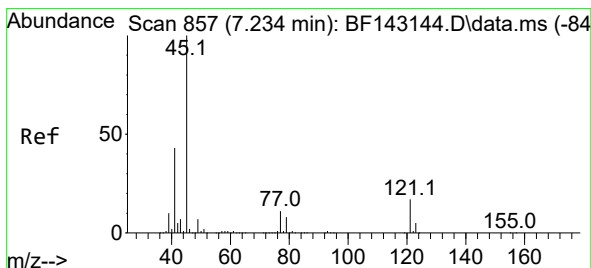
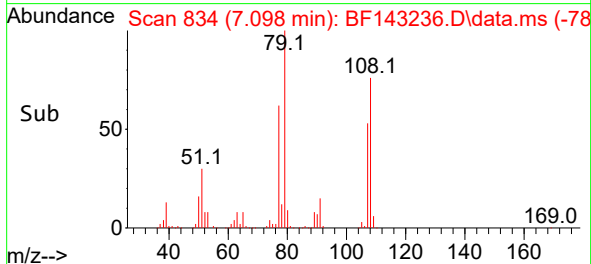
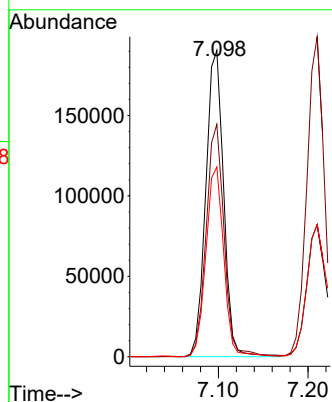
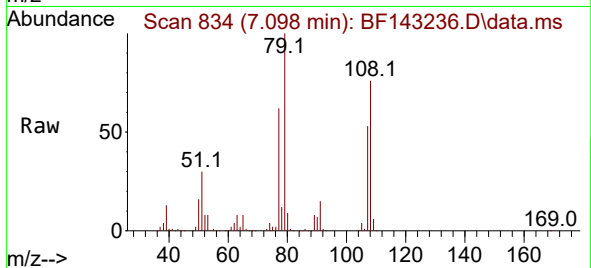




#15
Benzyl Alcohol
Concen: 39.939 ng
RT: 7.098 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

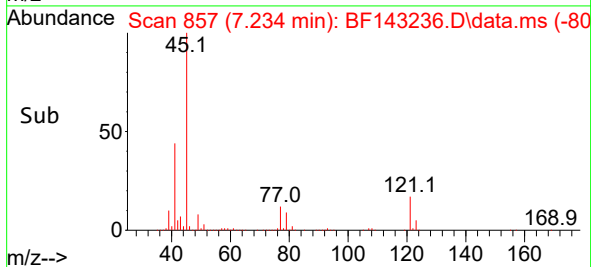
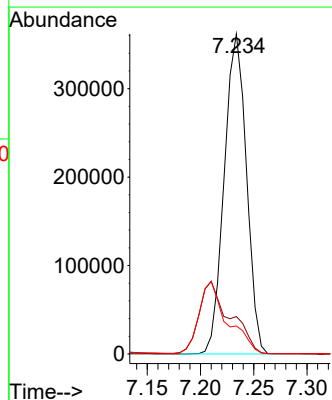
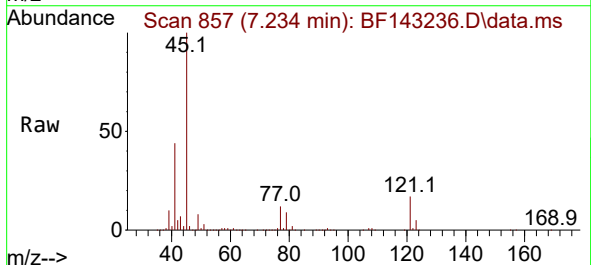
Instrument :
BNA_F
ClientSampleId :
TP-1MS

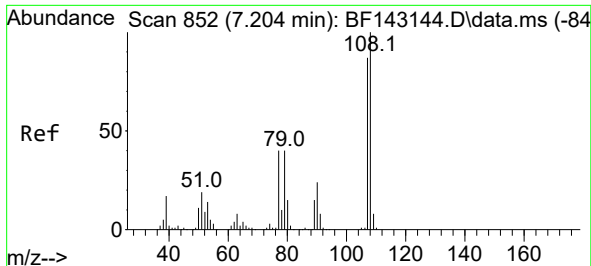
Tgt Ion: 79 Resp: 262857
Ion Ratio Lower Upper
79 100
108 75.8 61.1 91.7
77 61.9 48.9 73.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.319 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

Tgt Ion: 45 Resp: 524414
Ion Ratio Lower Upper
45 100
77 11.7 0.0 31.2
79 8.7 0.0 28.5

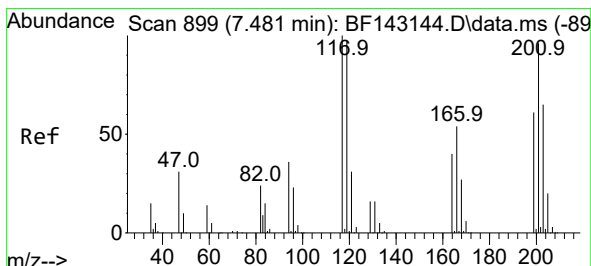
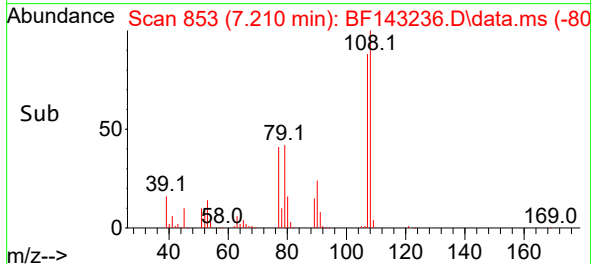
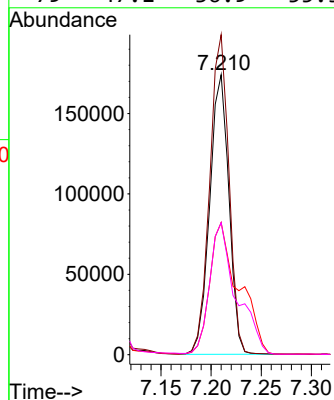
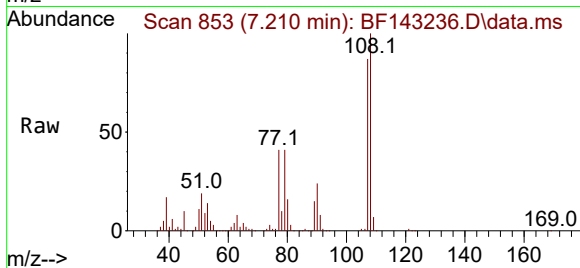




#17
2-Methylphenol
Concen: 38.463 ng
RT: 7.210 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

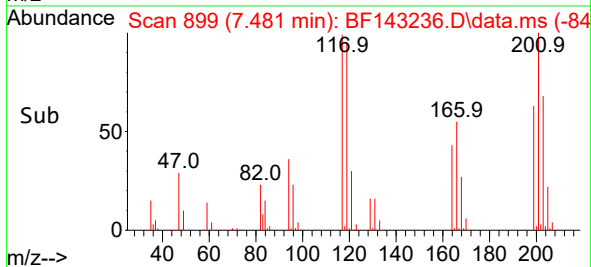
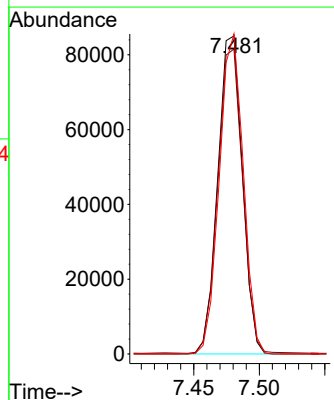
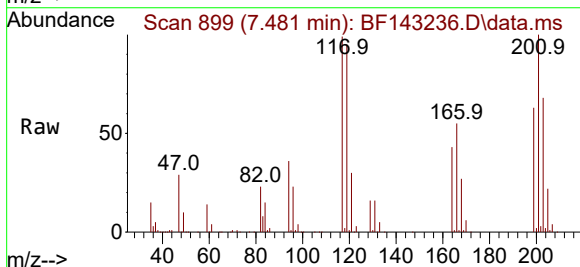
Instrument :
BNA_F
ClientSampleId :
TP-1MS

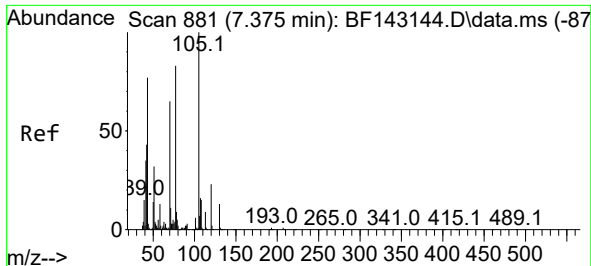
Tgt Ion:	107	Resp:	232149
Ion	Ratio	Lower	Upper
107	100		
108	114.3	91.8	137.6
77	47.2	37.0	55.6
79	47.1	36.9	55.3



#18
Hexachloroethane
Concen: 40.863 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

Tgt Ion:	117	Resp:	111089
Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.8	116.8
201	100.6	77.0	115.4





#19

n-Nitroso-di-n-propylamine

Concen: 38.025 ng

RT: 7.369 min Scan# 881

Delta R.T. -0.006 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion: 70 Resp: 210283

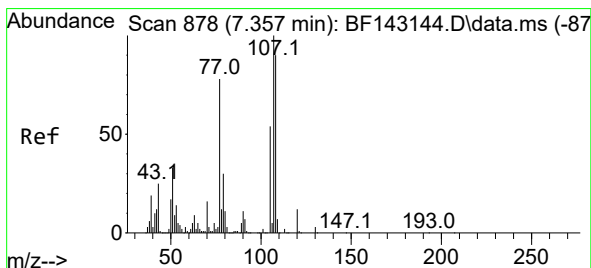
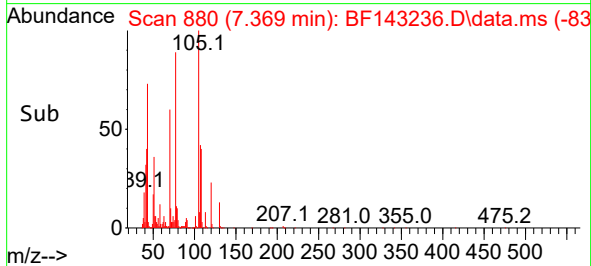
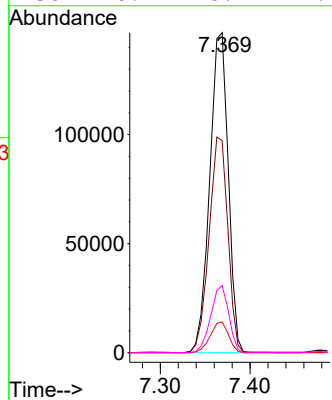
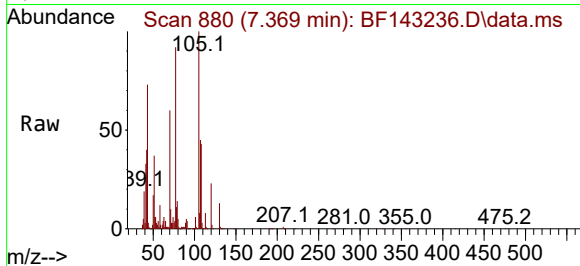
Ion Ratio Lower Upper

70 100

42 66.3 52.5 78.7

101 9.6 7.6 11.4

130 20.9 16.1 24.1



#20

3+4-Methylphenols

Concen: 38.552 ng

RT: 7.357 min Scan# 878

Delta R.T. 0.000 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

Tgt Ion:107 Resp: 282311

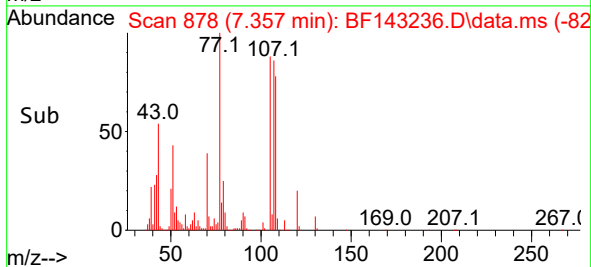
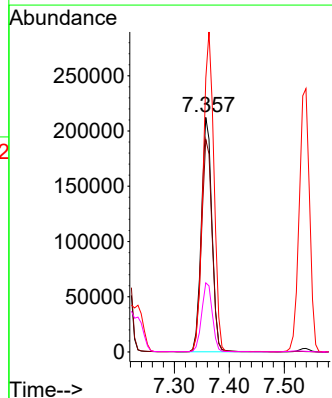
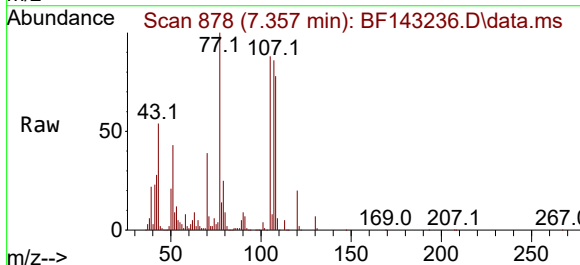
Ion Ratio Lower Upper

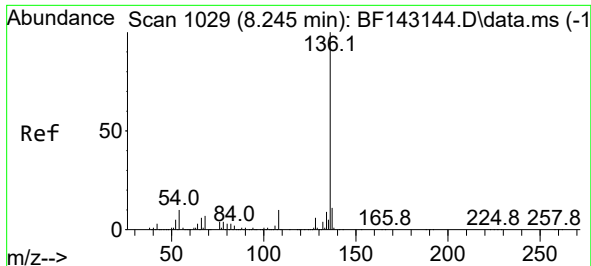
107 100

108 90.6 70.0 110.0

77 116.7 57.8 97.8#

79 29.5 9.5 49.5



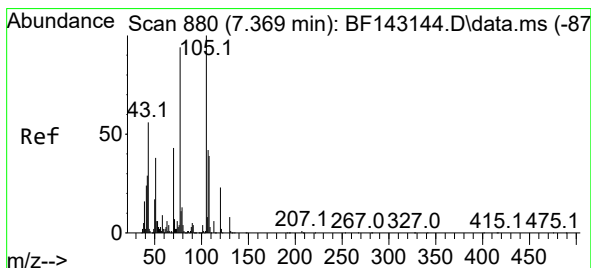
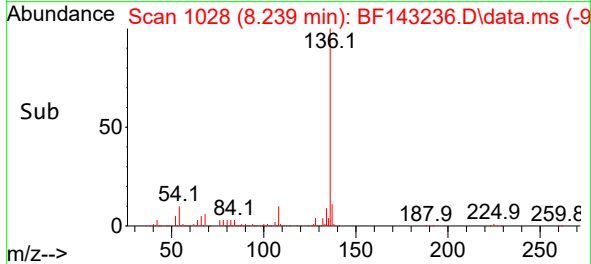
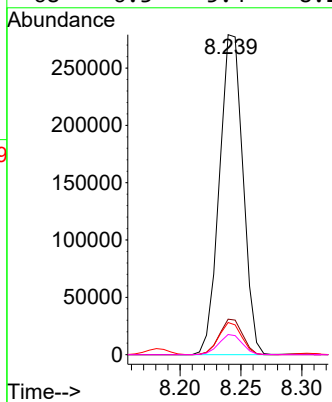
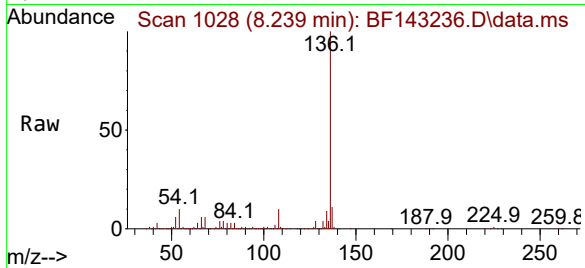


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:136 Resp: 375786

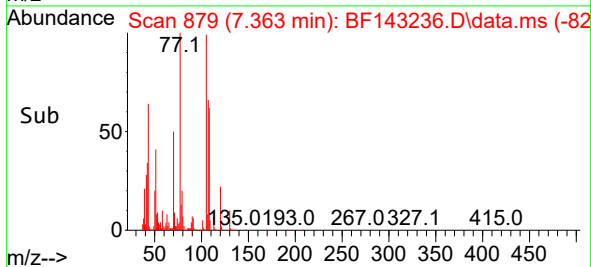
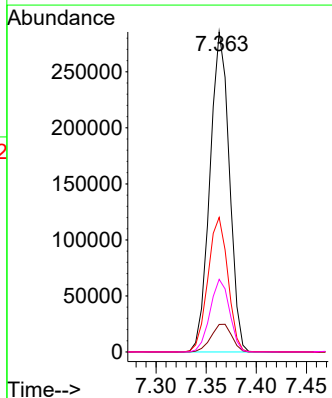
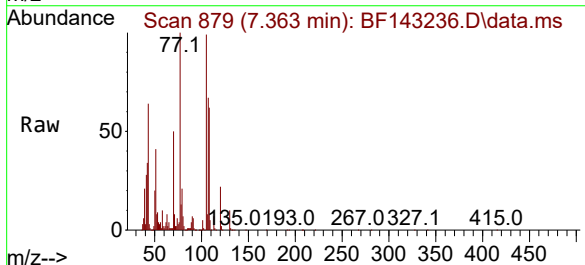
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.1	8.2	12.2
68	6.3	5.4	8.2

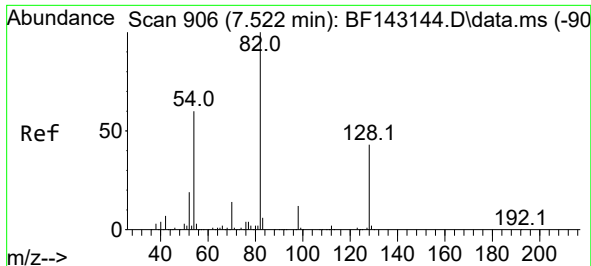


#22
Acetophenone
Concen: 43.273 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

Tgt Ion:105 Resp: 384991

Ion	Ratio	Lower	Upper
105	100		
71	8.6	5.8	8.6
51	42.1	30.2	45.2
120	22.7	18.2	27.4





#23

Nitrobenzene-d5

Concen: 62.925 ng

RT: 7.516 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

Instrument :

BNA_F

ClientSampleId :

TP-1MS

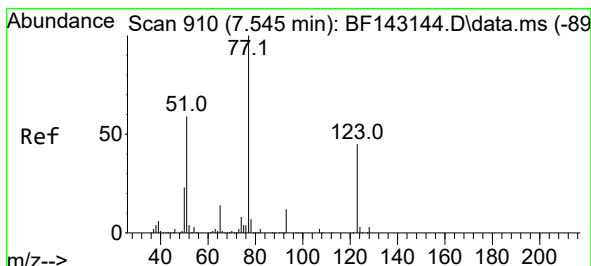
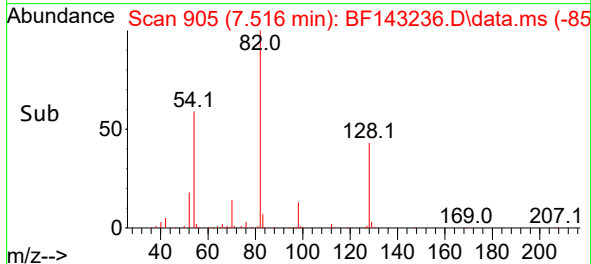
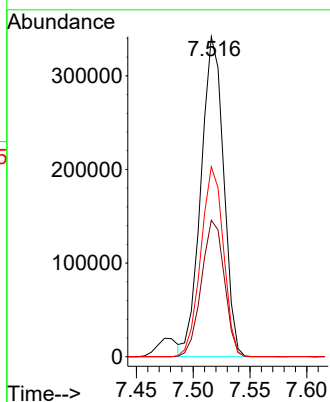
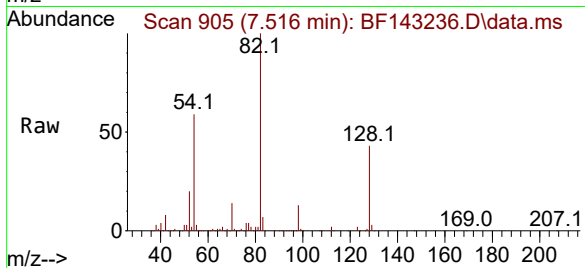
Tgt Ion: 82 Resp: 474381

Ion Ratio Lower Upper

82 100

128 42.6 33.6 50.4

54 59.3 47.1 70.7



#24

Nitrobenzene

Concen: 44.267 ng

RT: 7.539 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

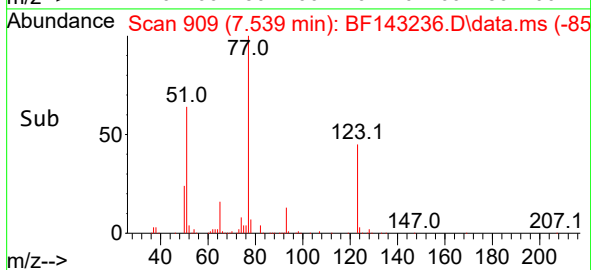
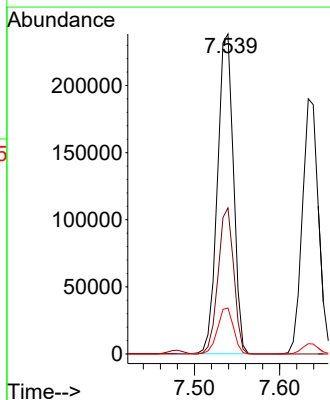
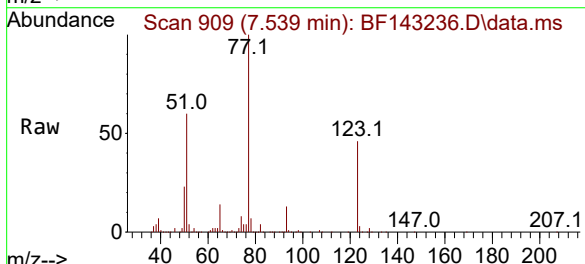
Tgt Ion: 77 Resp: 311133

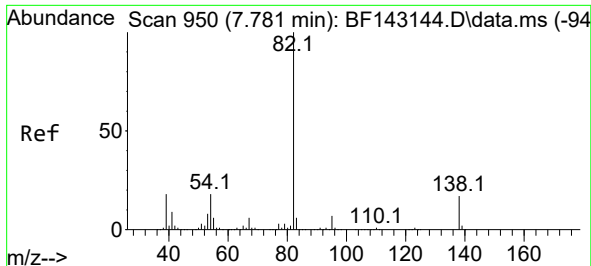
Ion Ratio Lower Upper

77 100

123 45.7 36.1 54.1

65 14.3 11.4 17.2

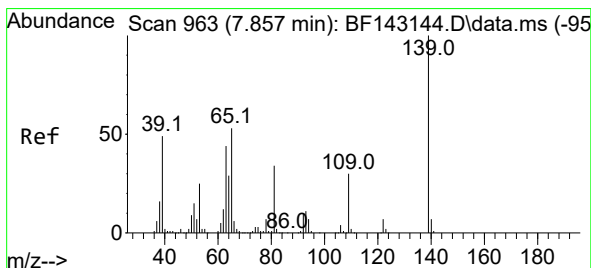
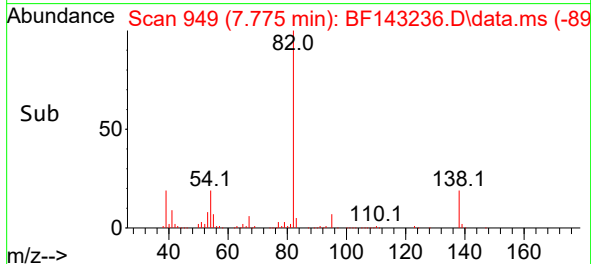
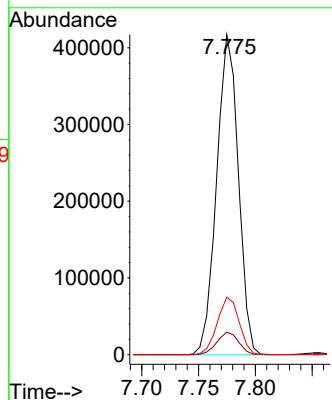
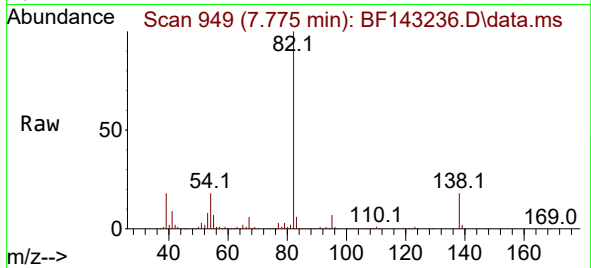




#25
Isophorone
Concen: 41.665 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

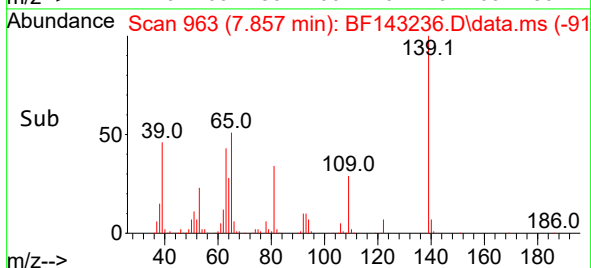
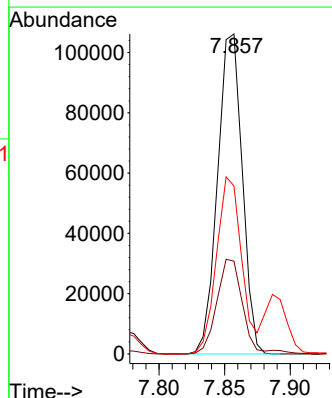
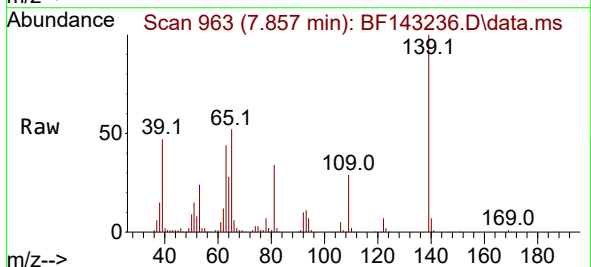
Instrument :
BNA_F
ClientSampleId :
TP-1MS

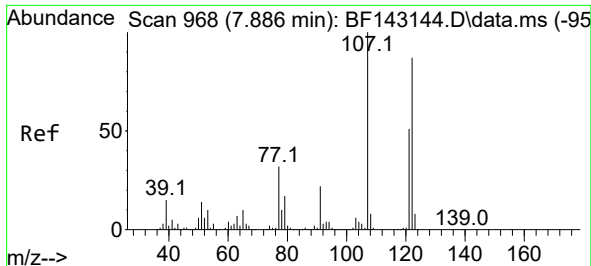
Tgt Ion: 82 Resp: 554492
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 18.0 13.8 20.8



#26
2-Nitrophenol
Concen: 45.610 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

Tgt Ion:139 Resp: 139128
Ion Ratio Lower Upper
139 100
109 29.0 23.6 35.4
65 52.5 42.6 64.0

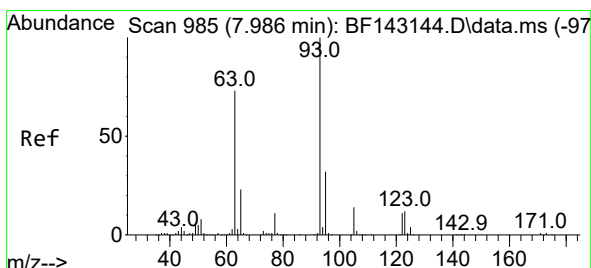
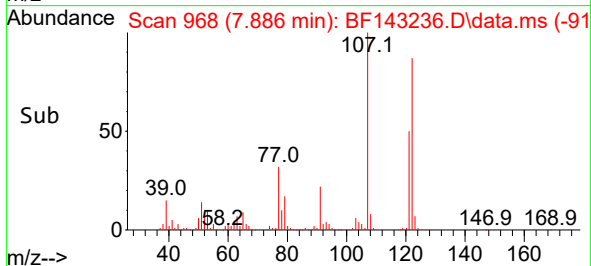
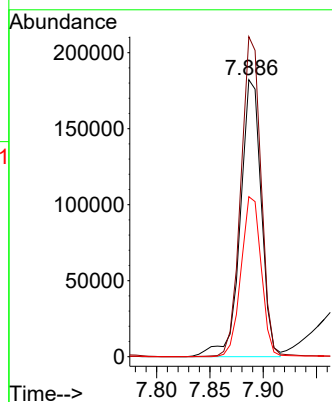
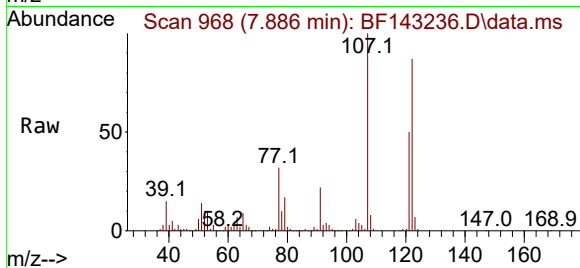




#27
2,4-Dimethylphenol
Concen: 40.229 ng
RT: 7.886 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

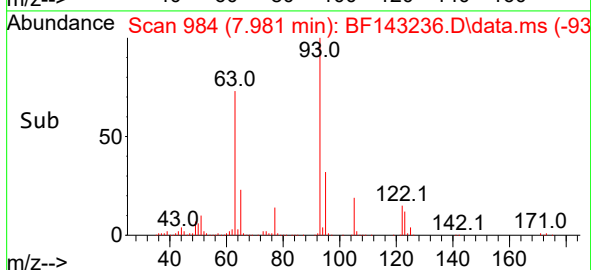
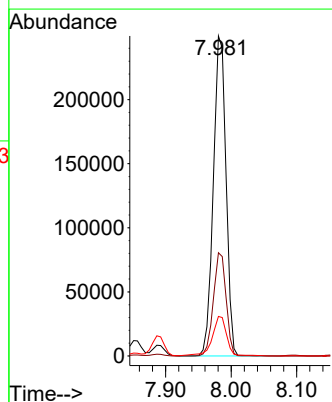
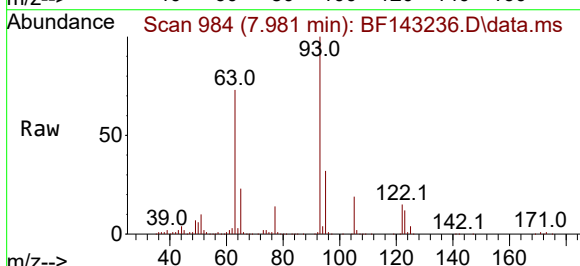
Instrument :
BNA_F
ClientSampleId :
TP-1MS

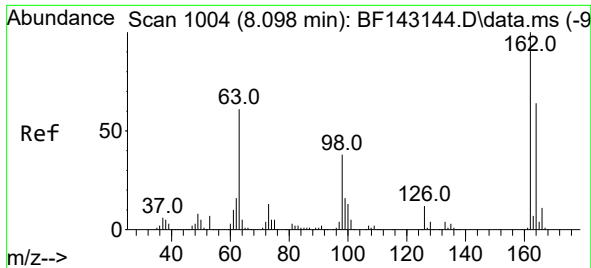
Tgt Ion:122 Resp: 250138
Ion Ratio Lower Upper
122 100
107 115.5 91.8 137.6
121 57.8 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 42.123 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

Tgt Ion: 93 Resp: 336109
Ion Ratio Lower Upper
93 100
95 32.2 25.8 38.6
123 12.3 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 40.555 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

Instrument :

BNA_F

ClientSampleId :

TP-1MS

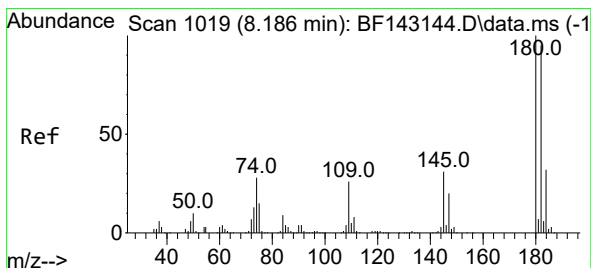
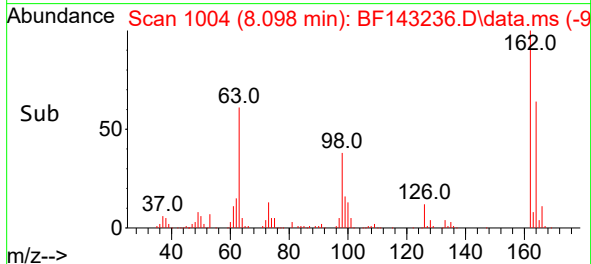
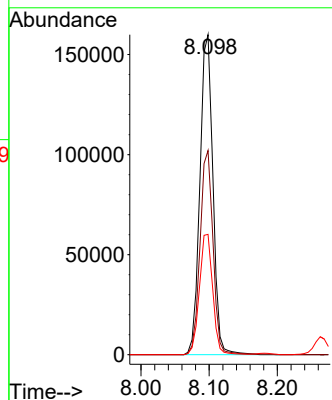
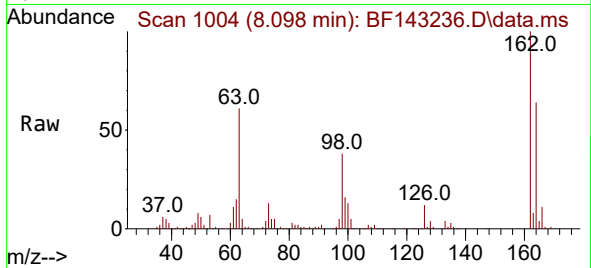
Tgt Ion:162 Resp: 212655

Ion Ratio Lower Upper

162 100

164 63.8 44.2 84.2

98 37.6 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 43.112 ng

RT: 8.181 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

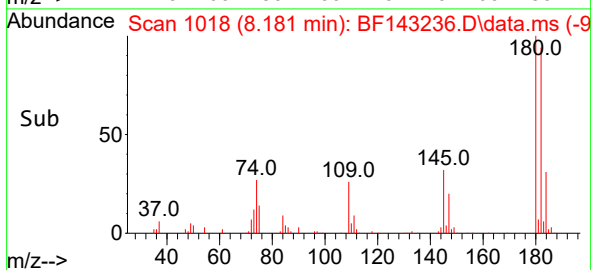
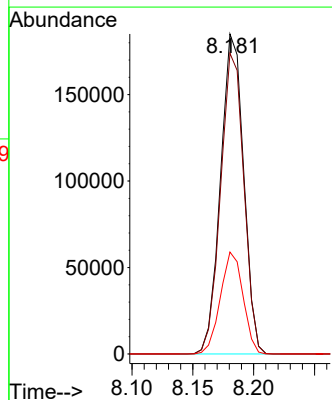
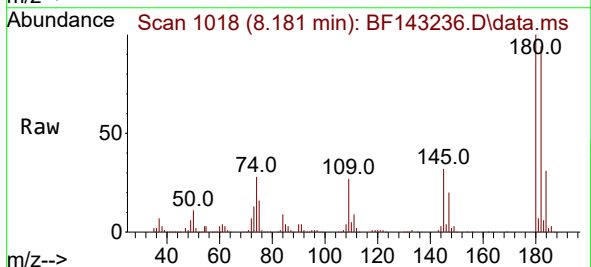
Tgt Ion:180 Resp: 244229

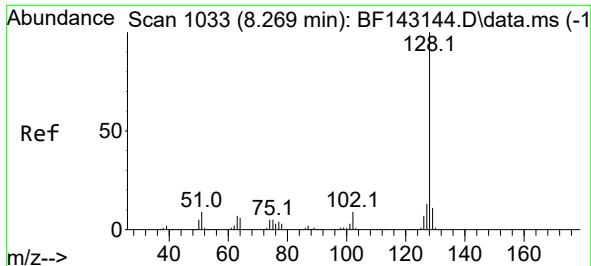
Ion Ratio Lower Upper

180 100

182 93.9 76.2 114.2

145 31.9 25.0 37.6

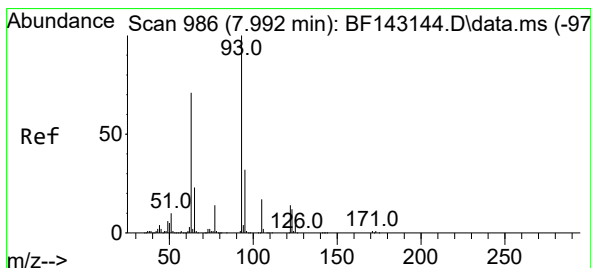
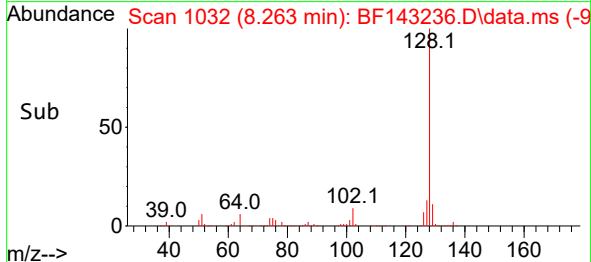
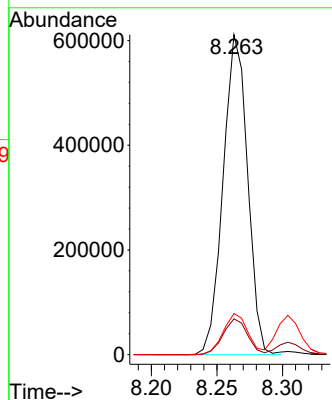
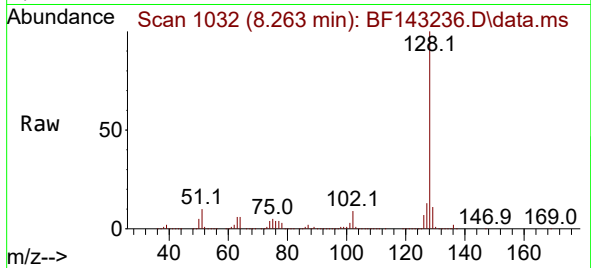




#31
Naphthalene
Concen: 42.797 ng
RT: 8.263 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

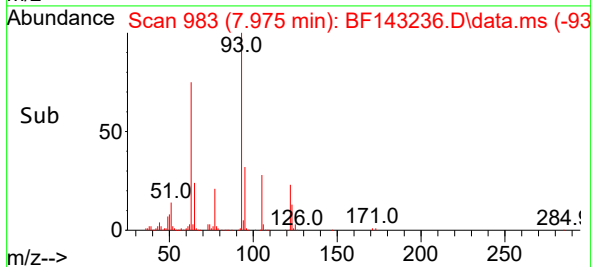
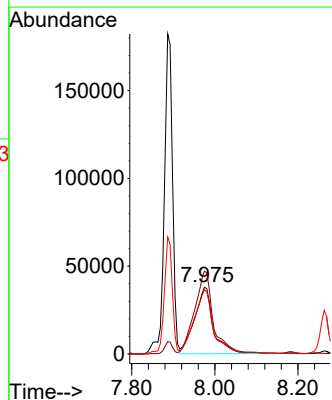
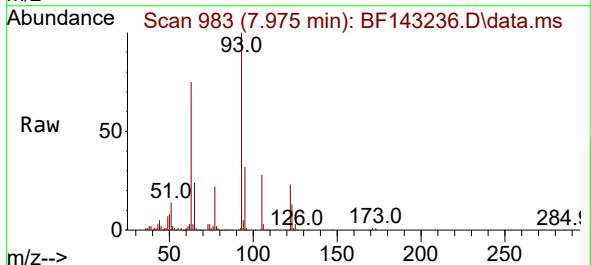
Instrument :
BNA_F
ClientSampleId :
TP-1MS

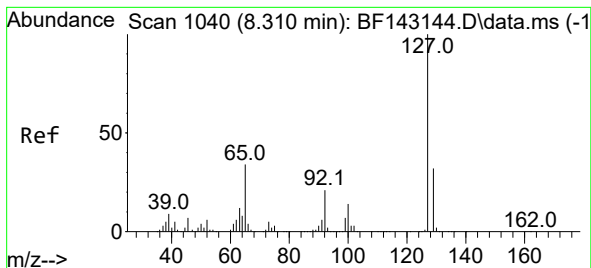
Tgt Ion:128 Resp: 792037
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 12.8 10.6 16.0



#32
Benzoic acid
Concen: 35.617 ng
RT: 7.975 min Scan# 983
Delta R.T. -0.017 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

Tgt Ion:122 Resp: 119506
Ion Ratio Lower Upper
122 100
105 124.5 104.8 144.8
77 96.3 77.6 117.6





#33

4-Chloroaniline

Concen: 12.813 ng

RT: 8.304 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

Instrument :

BNA_F

ClientSampleId :

TP-IMS

Tgt Ion:127 Resp: 96827

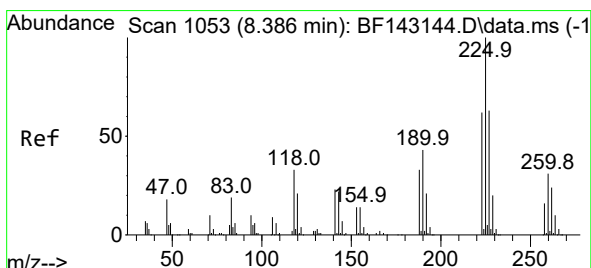
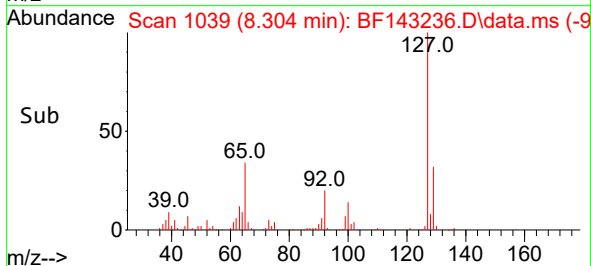
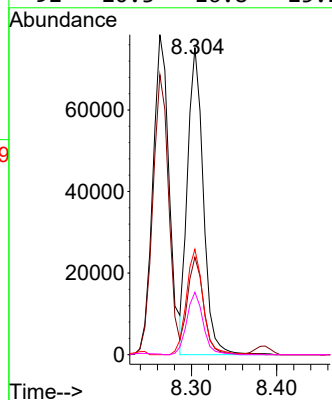
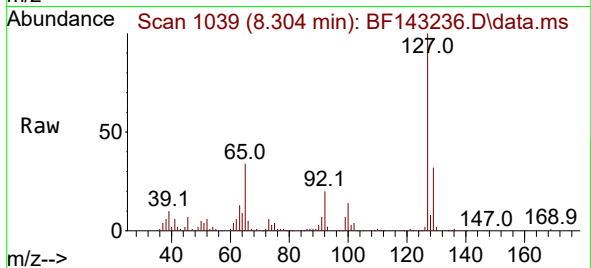
Ion Ratio Lower Upper

127 100

129 31.7 26.0 39.0

65 34.3 27.4 41.2

92 20.3 16.8 25.2



#34

Hexachlorobutadiene

Concen: 44.520 ng

RT: 8.386 min Scan# 1053

Delta R.T. 0.000 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

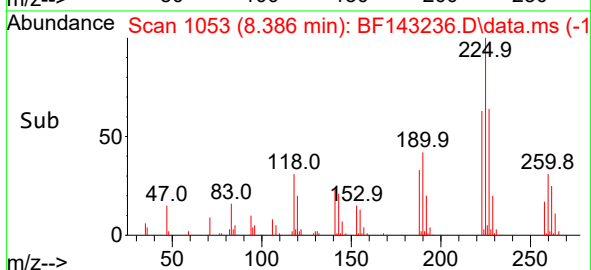
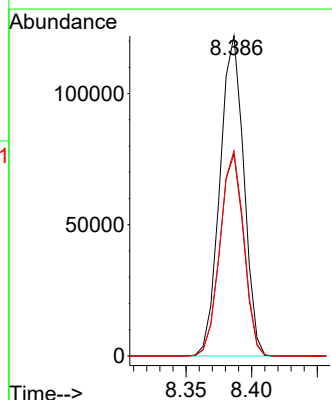
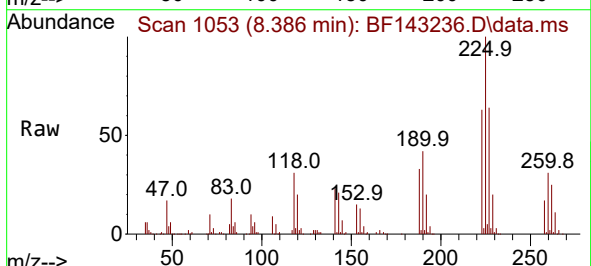
Tgt Ion:225 Resp: 154067

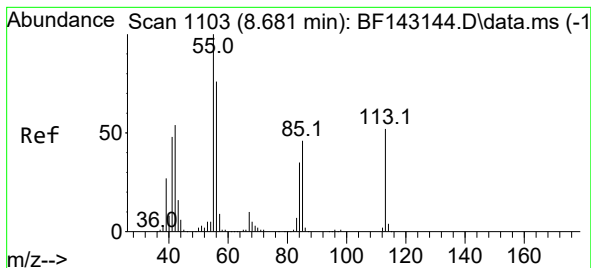
Ion Ratio Lower Upper

225 100

223 63.0 49.8 74.6

227 64.1 50.2 75.4





#35

Caprolactam

Concen: 41.720 ng

RT: 8.663 min Scan# 1100

Delta R.T. -0.018 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

Instrument :

BNA_F

ClientSampleId :

TP-1MS

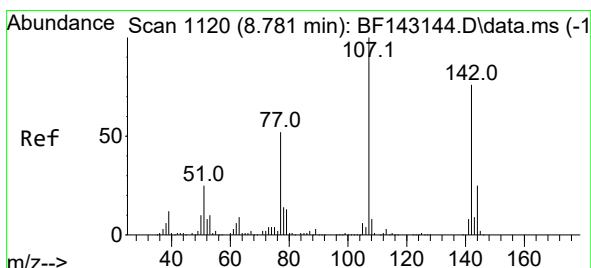
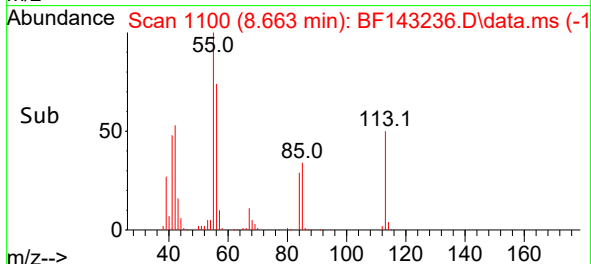
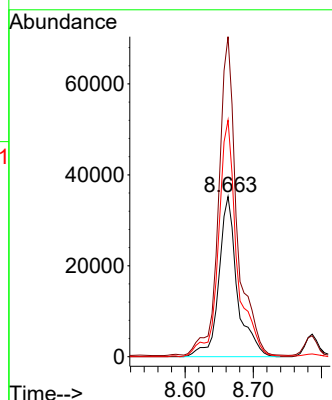
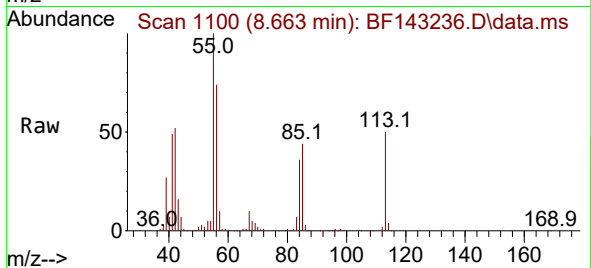
Tgt Ion:113 Resp: 66107

Ion Ratio Lower Upper

113 100

55 199.7 174.0 214.0

56 147.6 126.6 166.6



#36

4-Chloro-3-methylphenol

Concen: 38.014 ng

RT: 8.786 min Scan# 1121

Delta R.T. 0.006 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

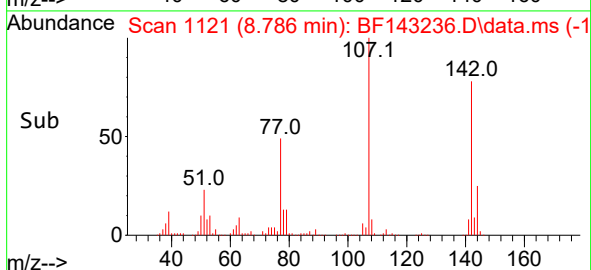
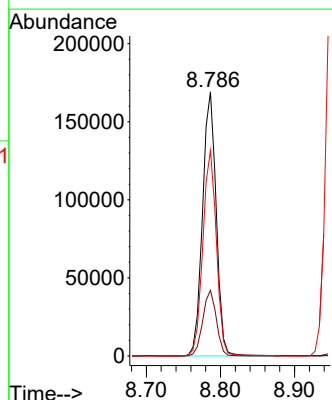
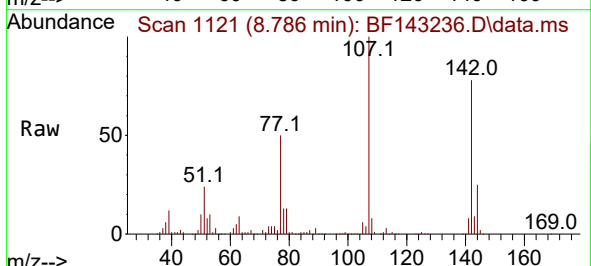
Tgt Ion:107 Resp: 216656

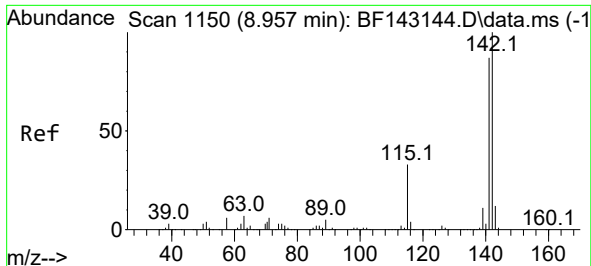
Ion Ratio Lower Upper

107 100

144 24.8 19.8 29.6

142 77.8 60.6 90.8

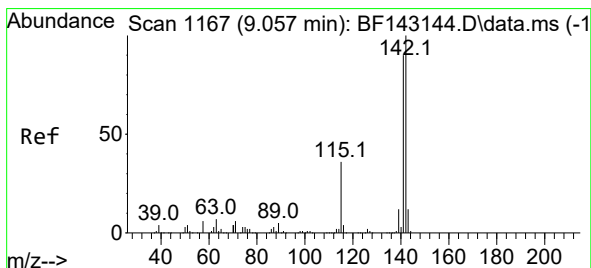
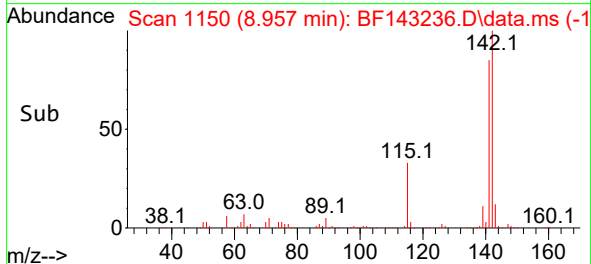
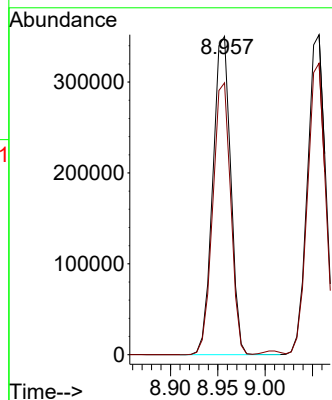
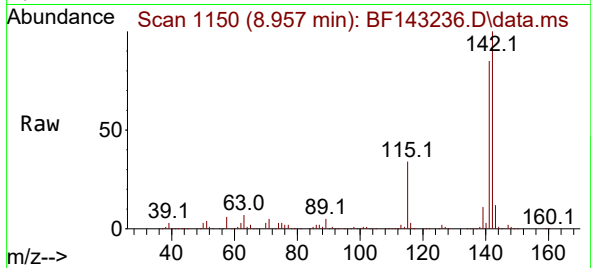




#37
2-Methylnaphthalene
Concen: 40.843 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

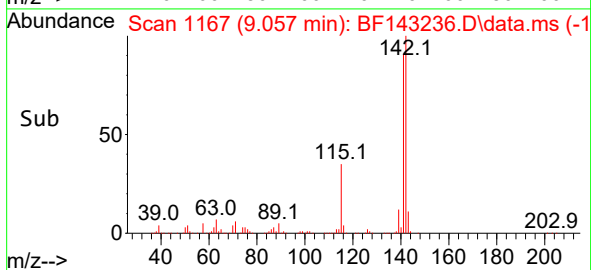
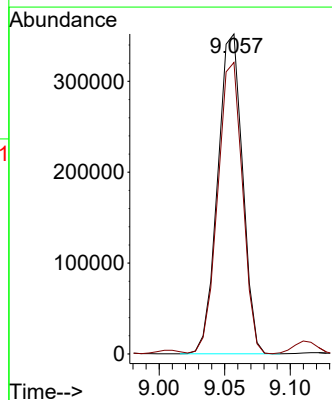
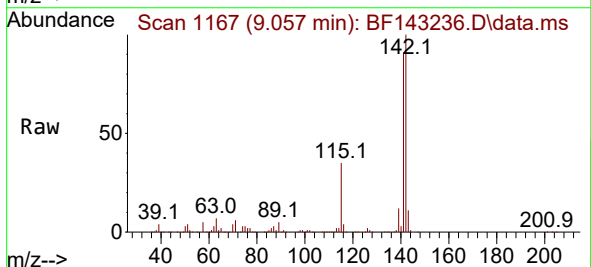
Instrument :
BNA_F
ClientSampleId :
TP-1MS

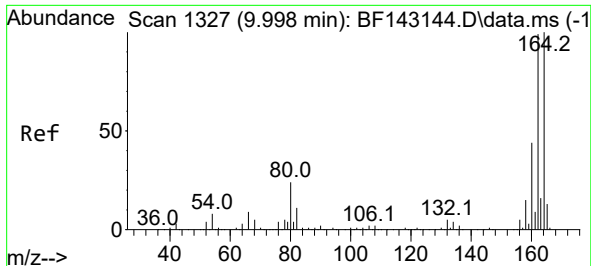
Tgt Ion:142 Resp: 459961
Ion Ratio Lower Upper
142 100
141 85.4 69.9 104.9



#38
1-Methylnaphthalene
Concen: 40.018 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

Tgt Ion:142 Resp: 464080
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: BF143236.D

Acq: 24 Jul 2025 16:28

Instrument :

BNA_F

ClientSampleId :

TP-1MS

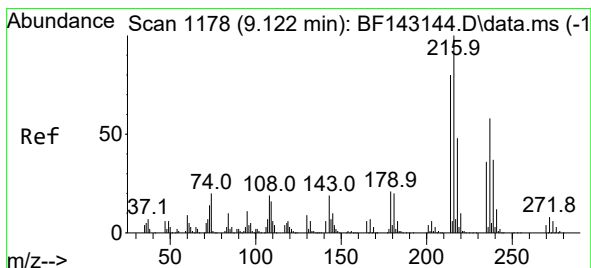
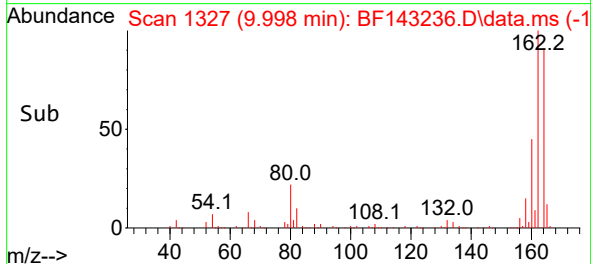
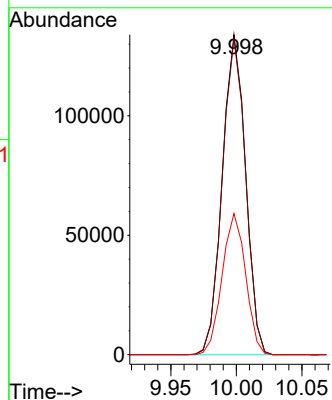
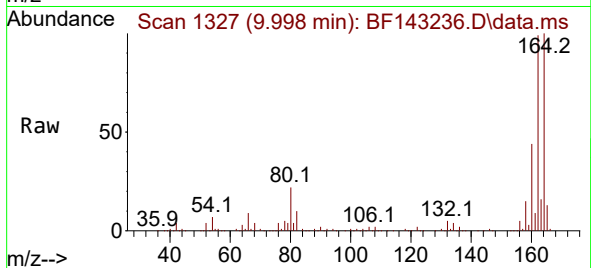
Tgt Ion:164 Resp: 165623

Ion Ratio Lower Upper

164 100

162 98.7 79.0 118.6

160 44.1 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.356 ng

RT: 9.122 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

Tgt Ion:216 Resp: 221661

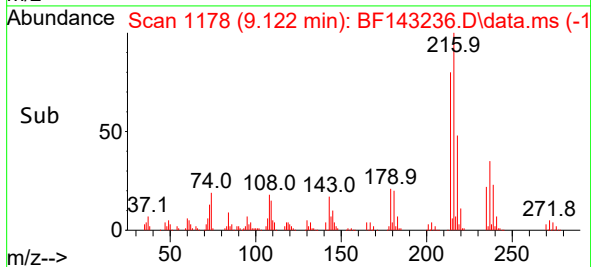
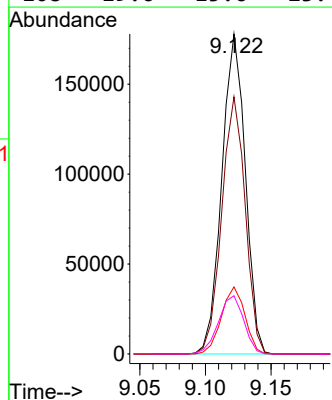
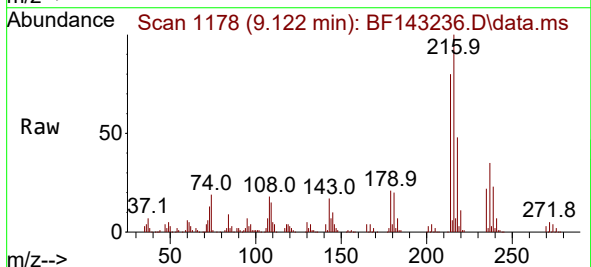
Ion Ratio Lower Upper

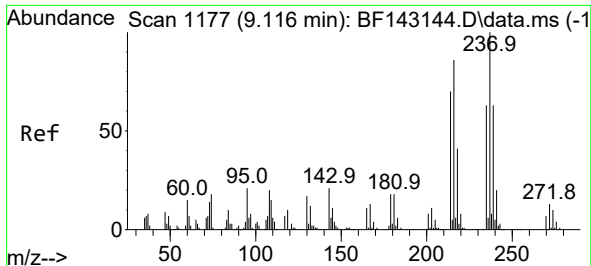
216 100

214 80.1 63.8 95.8

179 21.0 16.4 24.6

108 19.6 15.6 23.4

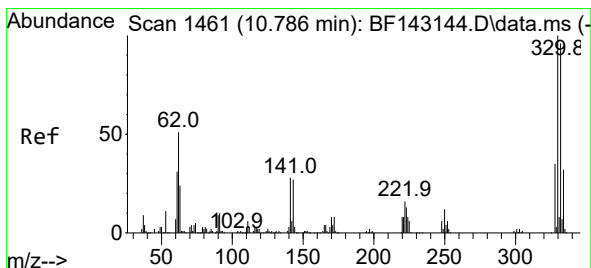
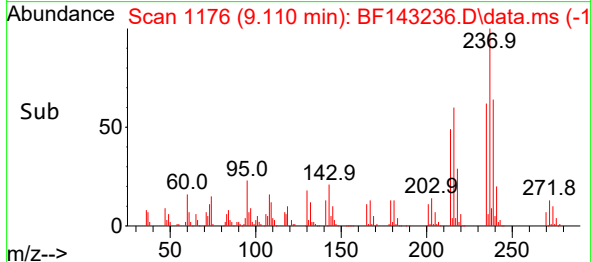
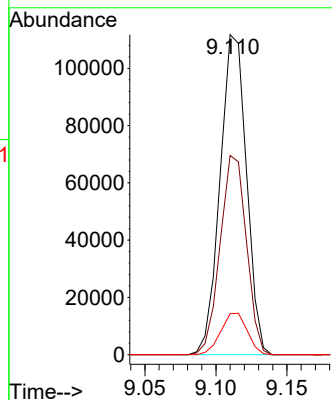
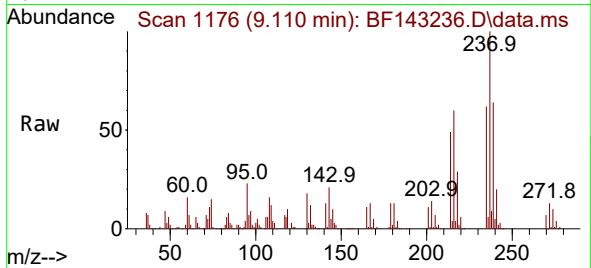




#41
Hexachlorocyclopentadiene
Concen: 46.509 ng
RT: 9.110 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

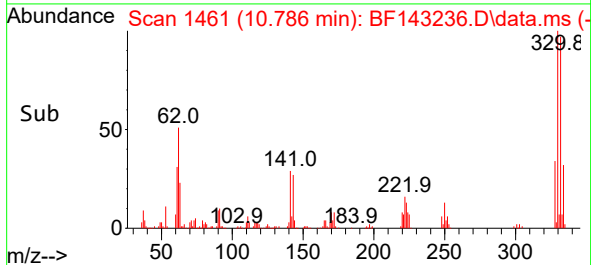
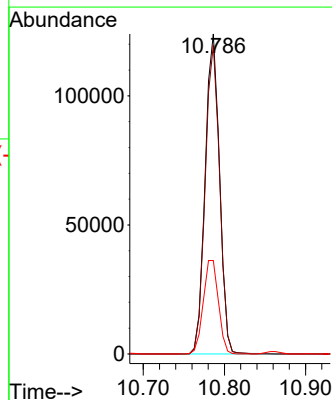
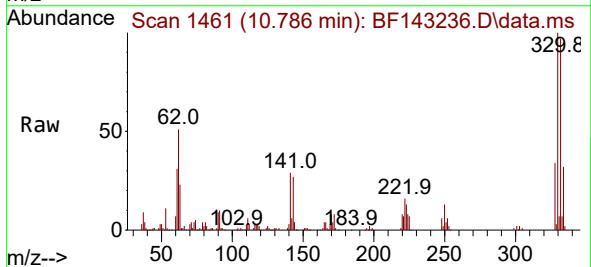
Instrument :
BNA_F
ClientSampleId :
TP-1MS

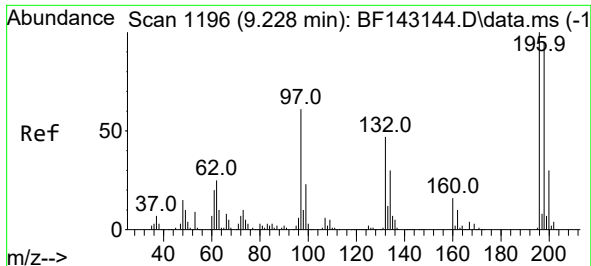
Tgt Ion:237 Resp: 144706
Ion Ratio Lower Upper
237 100
235 62.3 43.0 83.0
272 12.8 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 89.123 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

Tgt Ion:330 Resp: 152488
Ion Ratio Lower Upper
330 100
332 96.5 76.7 115.1
141 30.8 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 41.849 ng

RT: 9.228 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

Instrument :

BNA_F

ClientSampleId :

TP-1MS

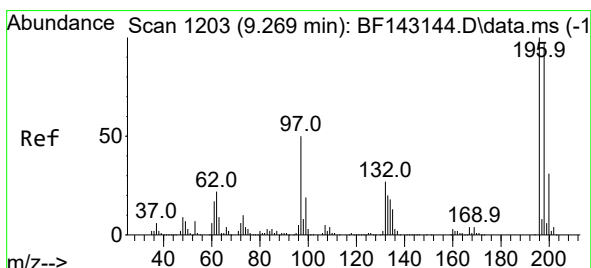
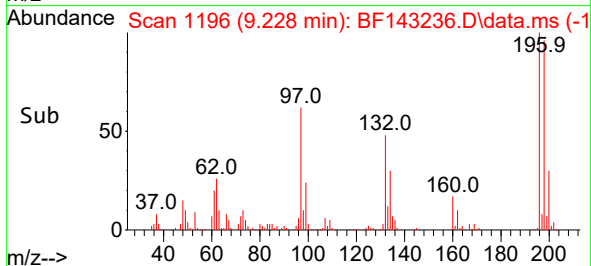
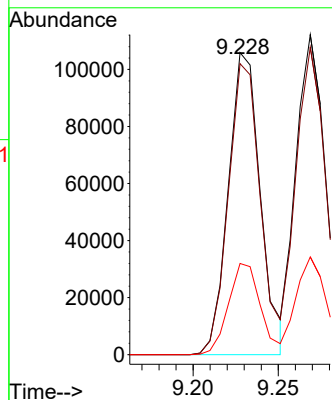
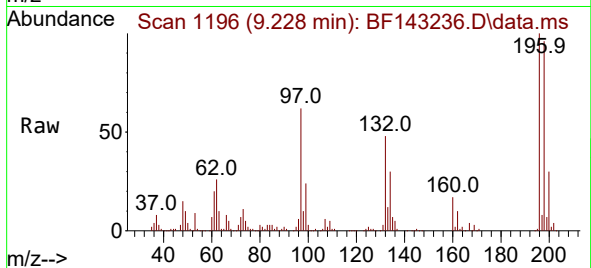
Tgt Ion:196 Resp: 138495

Ion Ratio Lower Upper

196 100

198 96.4 76.2 114.2

200 30.2 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 41.067 ng

RT: 9.269 min Scan# 1203

Delta R.T. -0.000 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

Tgt Ion:196 Resp: 135948

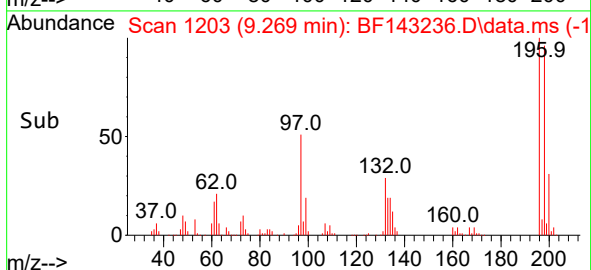
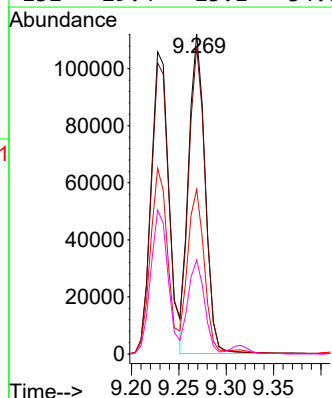
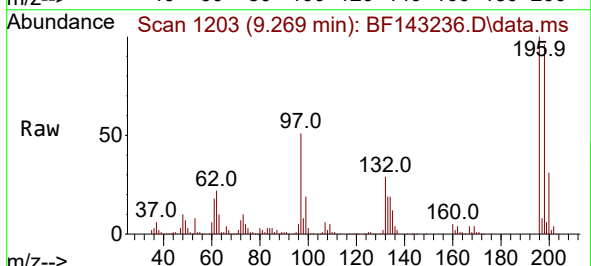
Ion Ratio Lower Upper

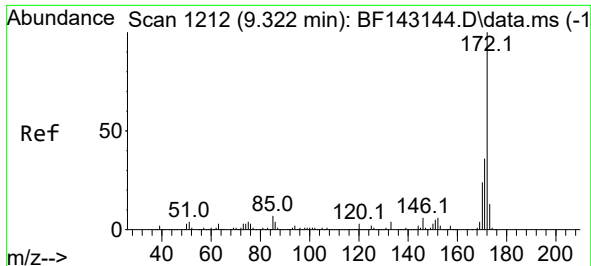
196 100

198 96.0 77.3 115.9

97 51.4 40.3 60.5

132 29.4 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 62.474 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

Instrument :

BNA_F

ClientSampleId :

TP-1MS

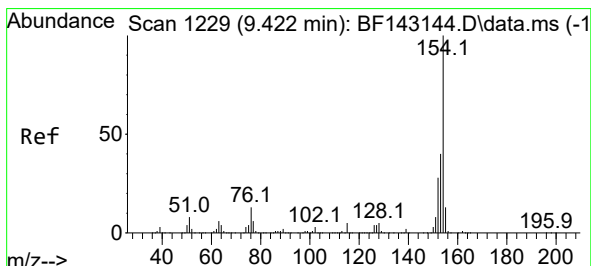
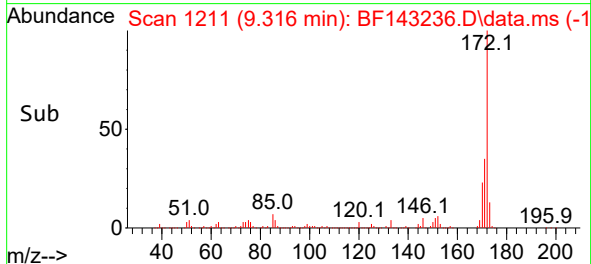
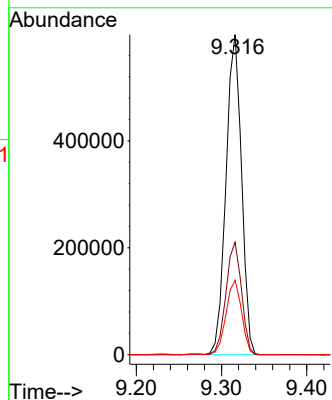
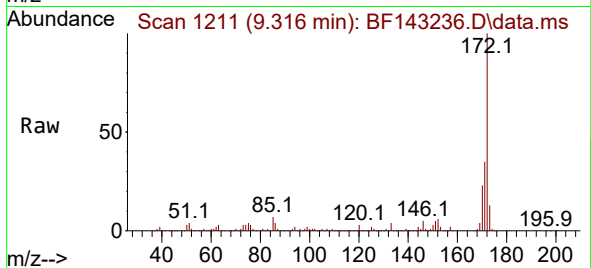
Tgt Ion:172 Resp: 756576

Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 23.3 18.8 28.2



#46

1,1'-Biphenyl

Concen: 46.668 ng

RT: 9.416 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

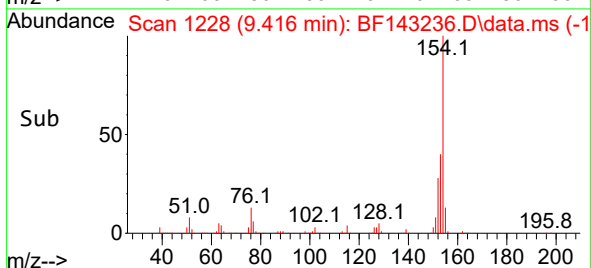
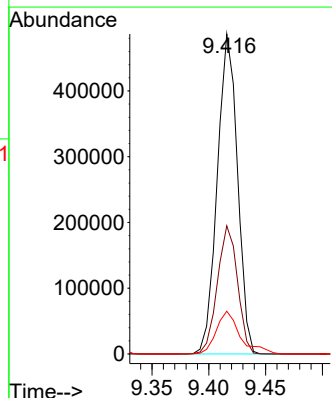
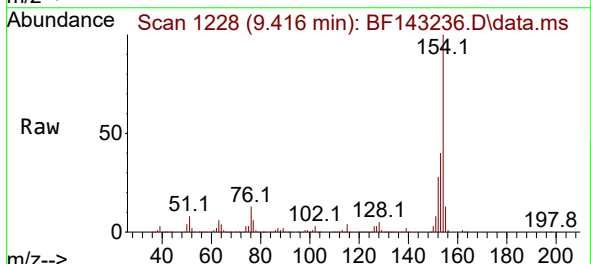
Tgt Ion:154 Resp: 603041

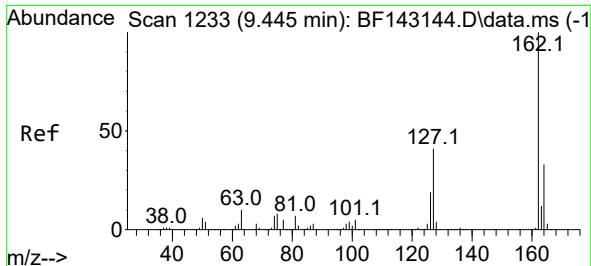
Ion Ratio Lower Upper

154 100

153 40.0 20.3 60.3

76 13.3 0.0 33.3





#47

2-Chloronaphthalene

Concen: 44.826 ng

RT: 9.445 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

Instrument :

BNA_F

ClientSampleId :

TP-1MS

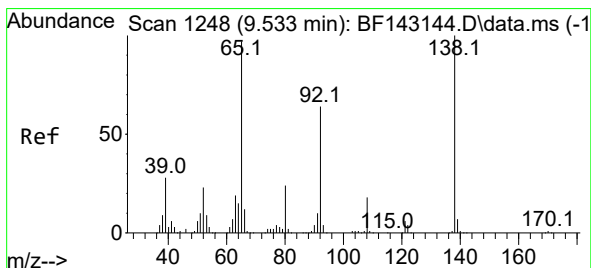
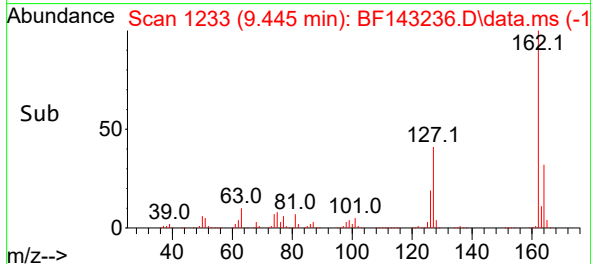
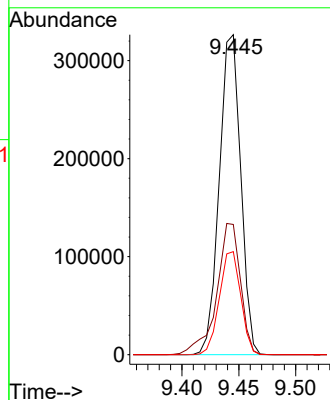
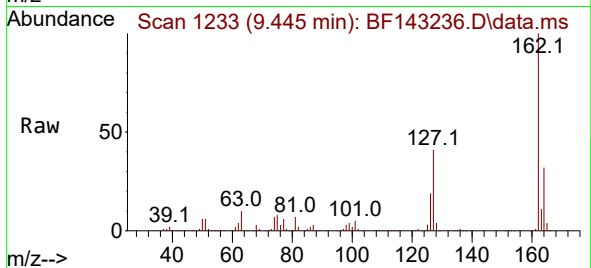
Tgt Ion:162 Resp: 428588

Ion Ratio Lower Upper

162 100

127 40.7 33.4 50.2

164 32.2 26.2 39.2



#48

2-Nitroaniline

Concen: 47.207 ng

RT: 9.528 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

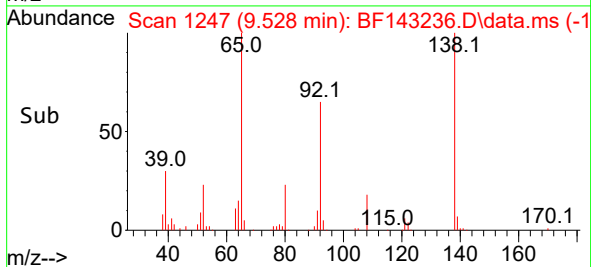
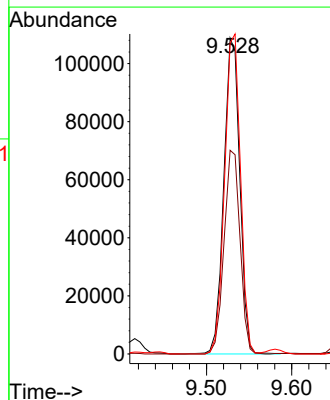
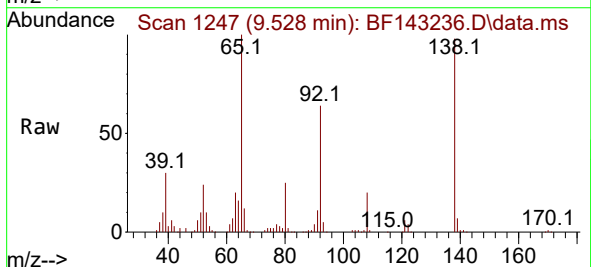
Tgt Ion: 65 Resp: 141545

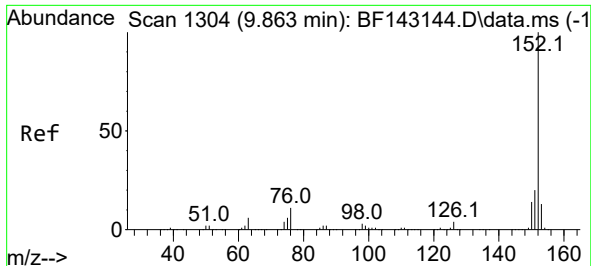
Ion Ratio Lower Upper

65 100

92 64.5 52.4 78.6

138 98.5 82.3 123.5





#49

Acenaphthylene

Concen: 43.553 ng

RT: 9.857 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

Instrument :

BNA_F

ClientSampleId :

TP-1MS

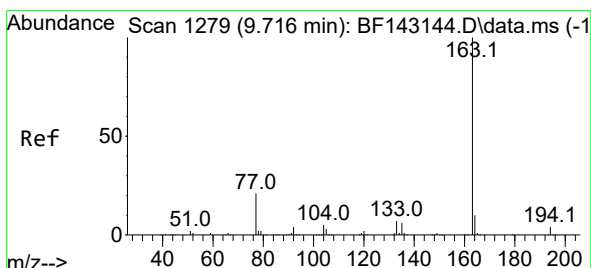
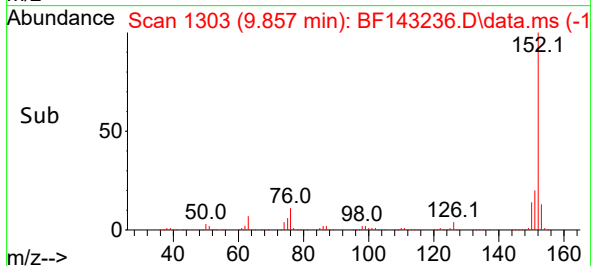
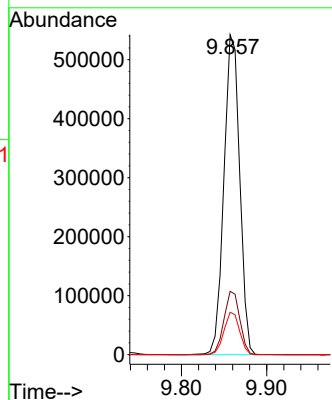
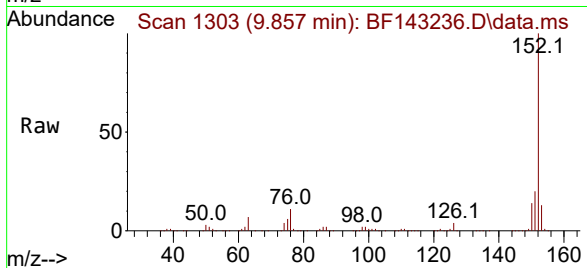
Tgt Ion:152 Resp: 697856

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

153 13.2 10.6 16.0



#50

Dimethylphthalate

Concen: 46.505 ng

RT: 9.710 min Scan# 1278

Delta R.T. -0.006 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

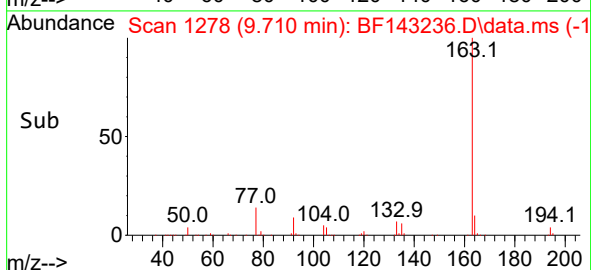
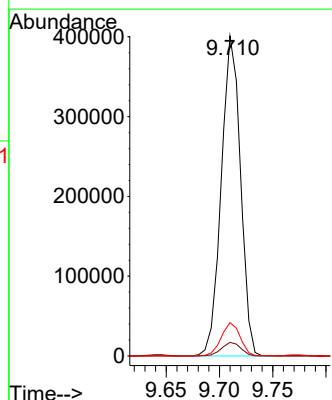
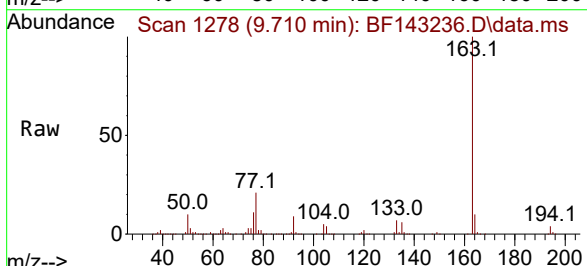
Tgt Ion:163 Resp: 502059

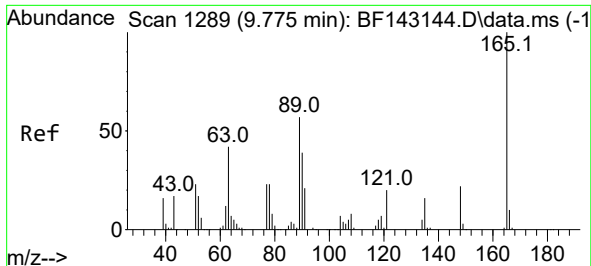
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.4 8.3 12.5

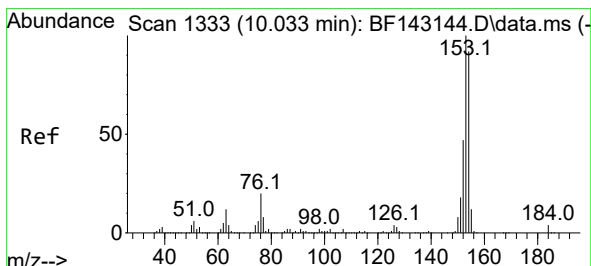
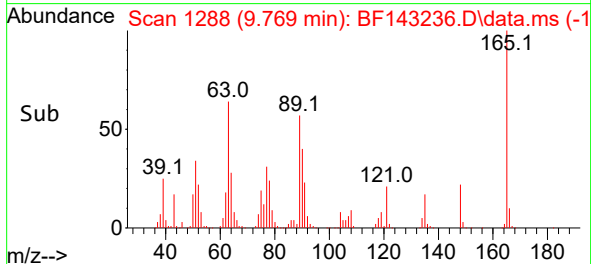
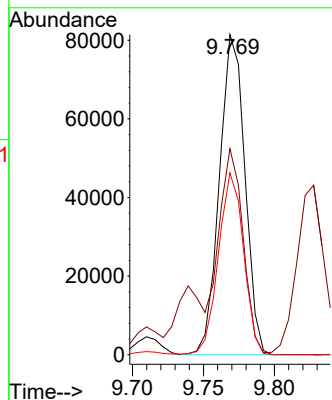
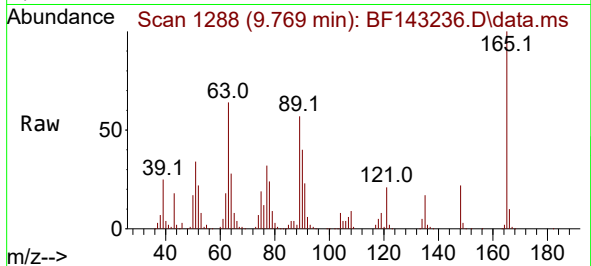




#51
2,6-Dinitrotoluene
Concen: 46.193 ng
RT: 9.769 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

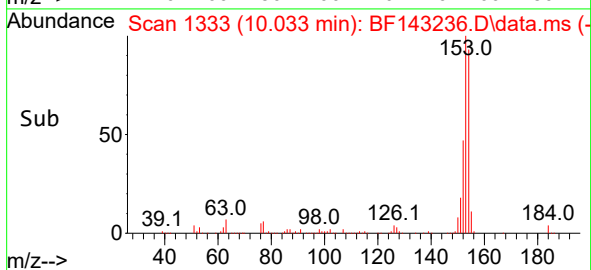
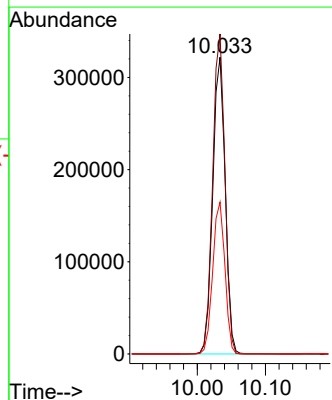
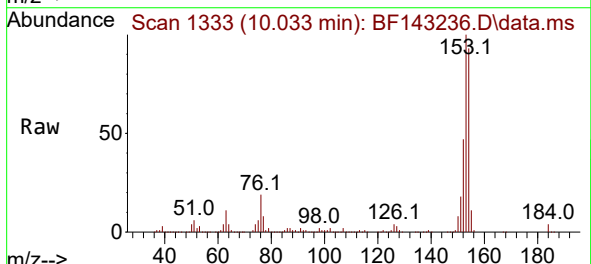
Instrument :
BNA_F
ClientSampleId :
TP-1MS

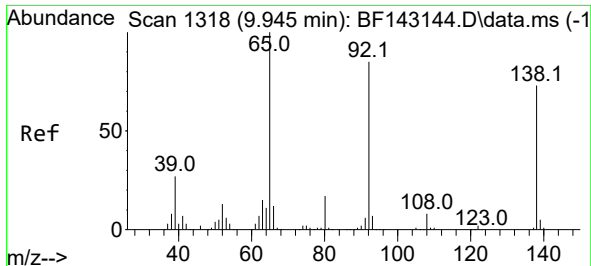
Tgt Ion:165 Resp: 101447
Ion Ratio Lower Upper
165 100
63 64.3 49.4 74.2
89 56.8 46.2 69.2



#52
Acenaphthene
Concen: 43.415 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

Tgt Ion:154 Resp: 411158
Ion Ratio Lower Upper
154 100
153 107.8 86.6 129.8
152 51.2 40.4 60.6

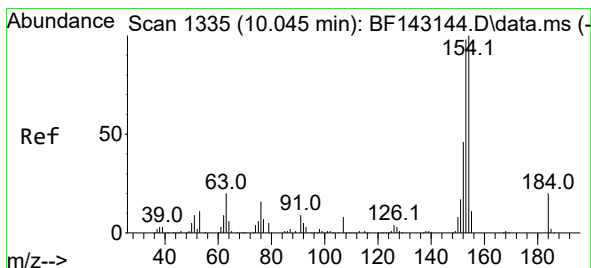
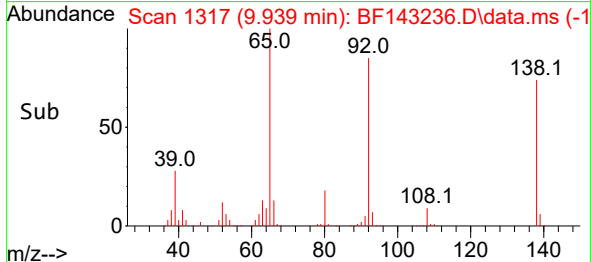
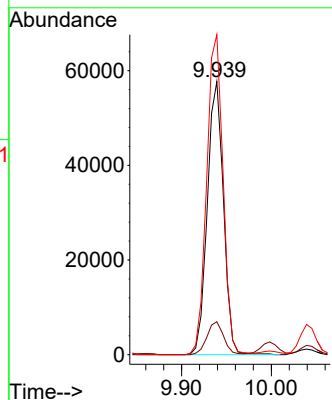
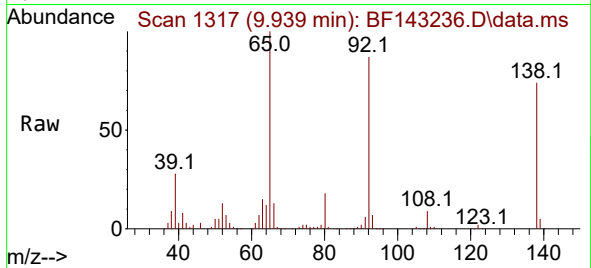




#53
3-Nitroaniline
Concen: 28.051 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

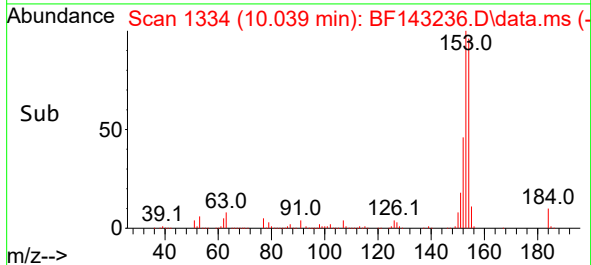
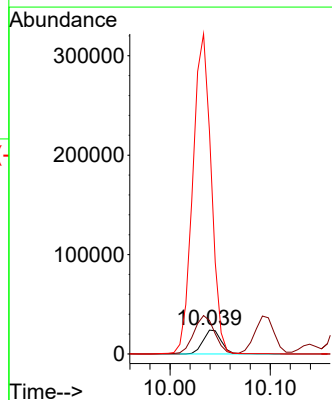
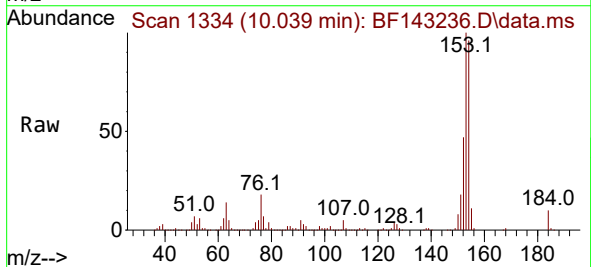
Instrument :
BNA_F
ClientSampleId :
TP-1MS

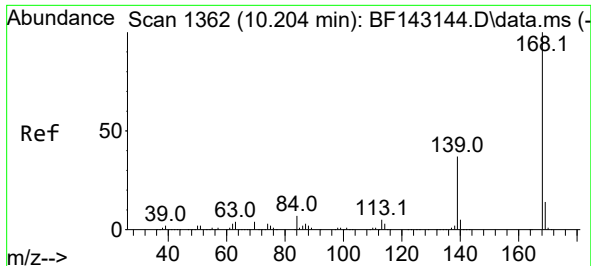
Tgt Ion:138 Resp: 72056
Ion Ratio Lower Upper
138 100
108 12.1 9.0 13.6
92 117.1 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 34.872 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

Tgt Ion:184 Resp: 30629
Ion Ratio Lower Upper
184 100
63 140.6 81.8 122.6#
154 933.6 412.2 618.4#

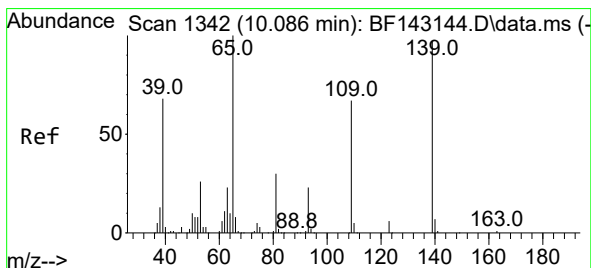
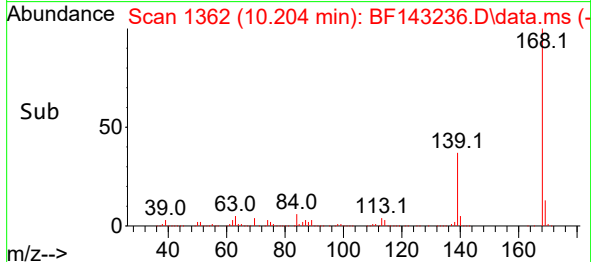
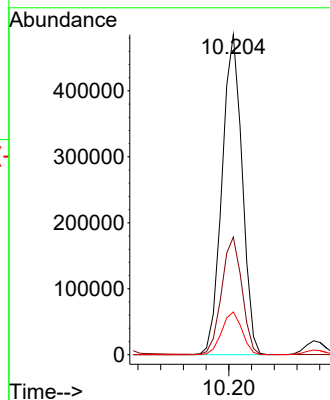
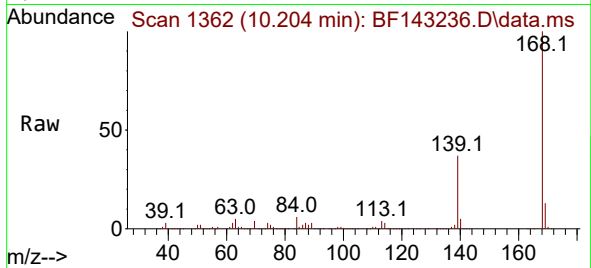




#55
Dibenzenofuran
Concen: 42.455 ng
RT: 10.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

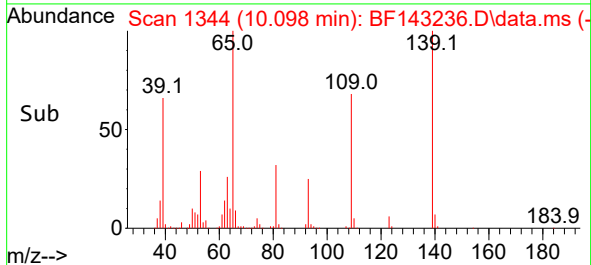
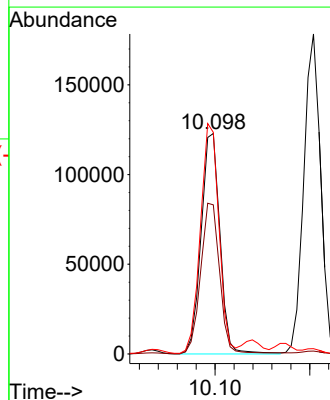
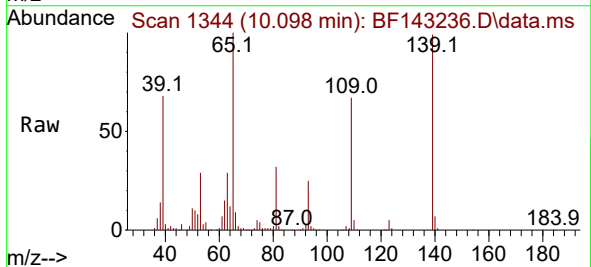
Instrument :
BNA_F
ClientSampleId :
TP-1MS

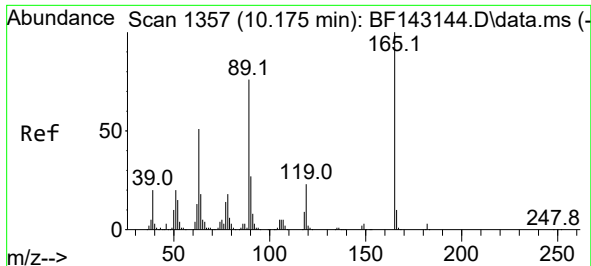
Tgt Ion:168 Resp: 596941
Ion Ratio Lower Upper
168 100
139 36.8 29.5 44.3
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 88.579 ng
RT: 10.098 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

Tgt Ion:139 Resp: 169914
Ion Ratio Lower Upper
139 100
109 67.6 48.5 88.5
65 100.5 83.4 123.4

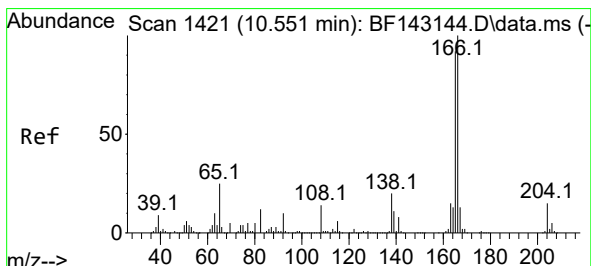
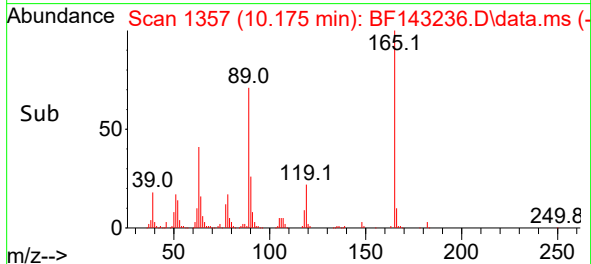
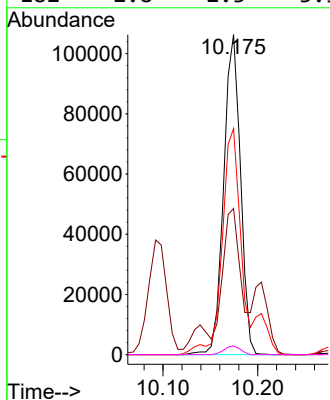
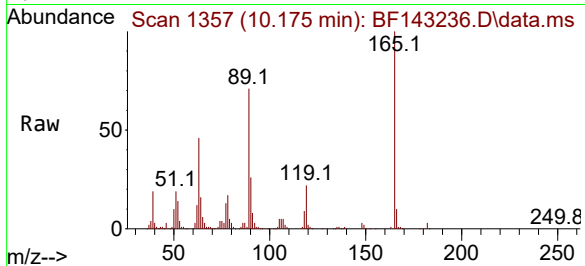




#57
2,4-Dinitrotoluene
Concen: 47.616 ng
RT: 10.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

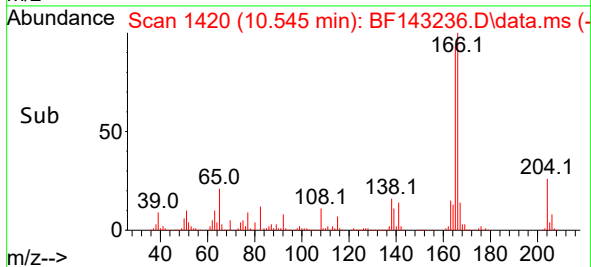
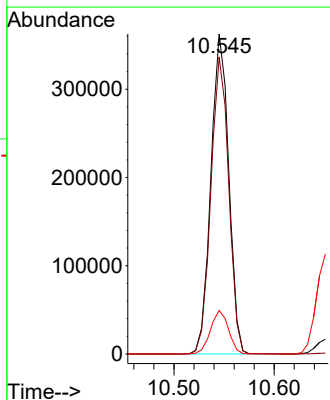
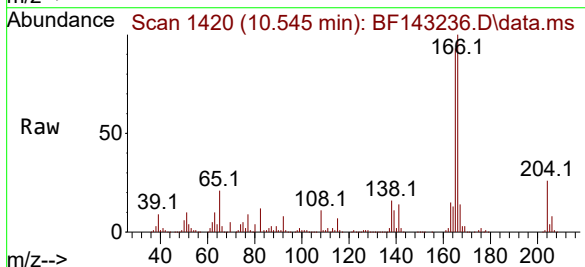
Instrument :
BNA_F
ClientSampleId :
TP-1MS

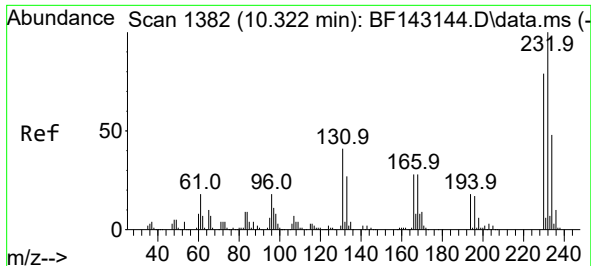
Tgt Ion:165 Resp: 131198
Ion Ratio Lower Upper
165 100
63 45.7 41.0 61.4
89 70.7 61.1 91.7
182 2.8 2.3 3.5



#58
Fluorene
Concen: 42.531 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

Tgt Ion:166 Resp: 448817
Ion Ratio Lower Upper
166 100
165 92.8 73.7 110.5
167 13.6 10.6 16.0

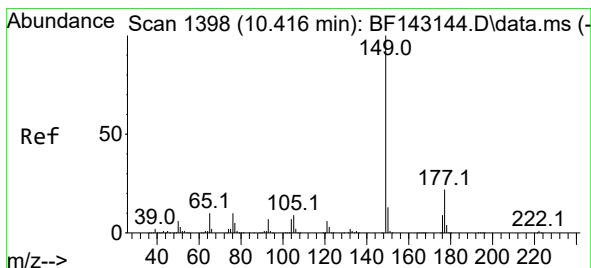
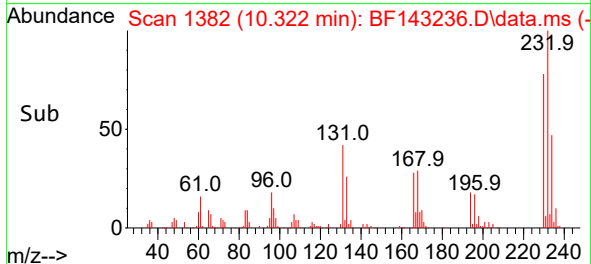
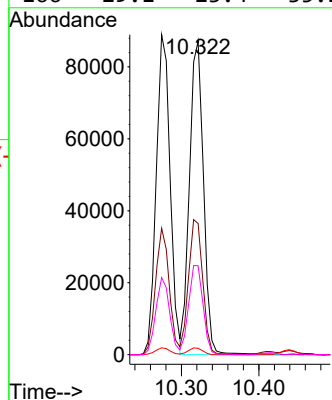
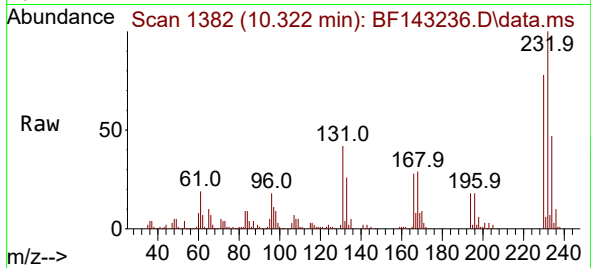




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.046 ng
RT: 10.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

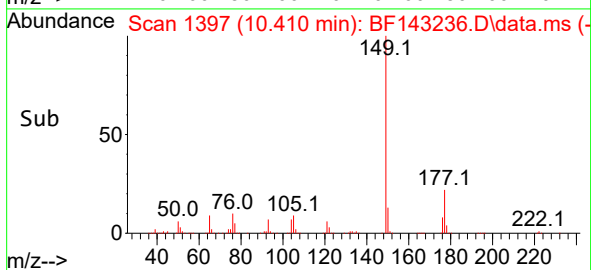
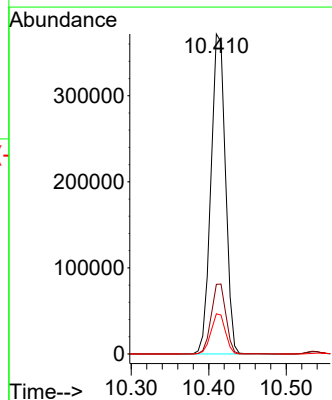
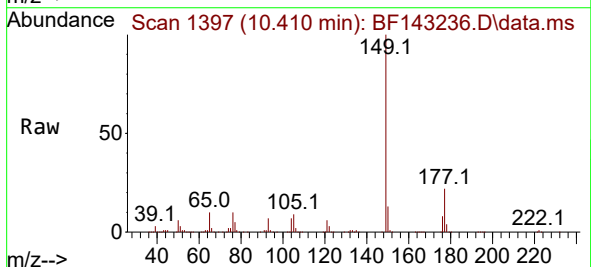
Instrument :
BNA_F
ClientSampleId :
TP-1MS

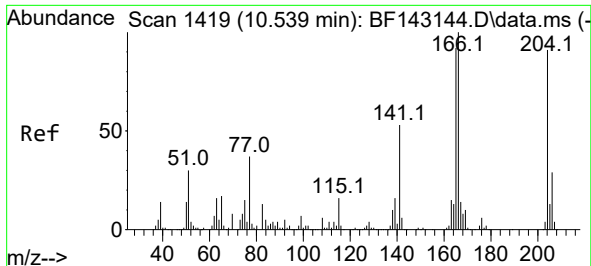
Tgt Ion:232 Resp: 109812
Ion Ratio Lower Upper
232 100
131 43.7 35.3 52.9
130 2.2 1.7 2.5
166 29.1 23.4 35.2



#60
Diethylphthalate
Concen: 45.415 ng
RT: 10.410 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

Tgt Ion:149 Resp: 484604
Ion Ratio Lower Upper
149 100
177 21.8 17.5 26.3
150 12.6 10.2 15.2

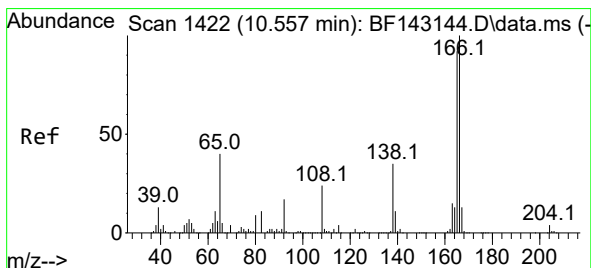
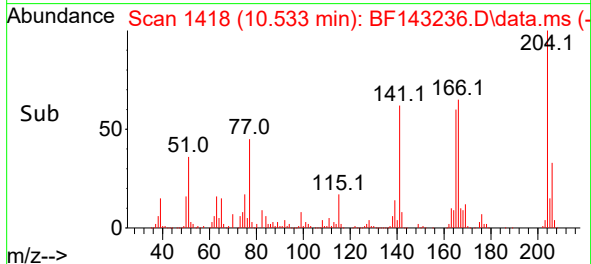
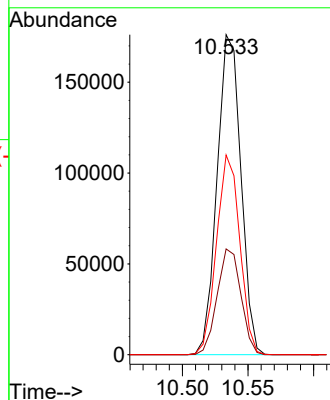
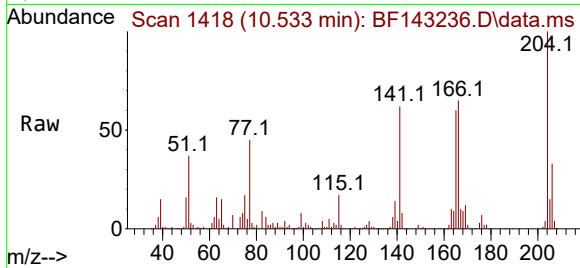




#61
4-Chlorophenyl-phenylether
Concen: 42.279 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

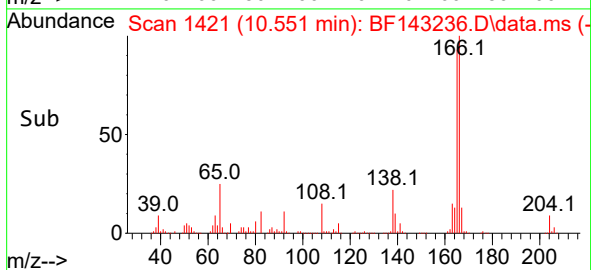
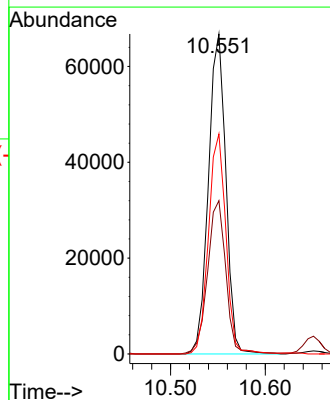
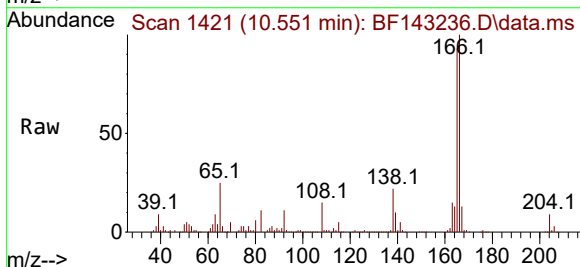
Instrument :
BNA_F
ClientSampleId :
TP-1MS

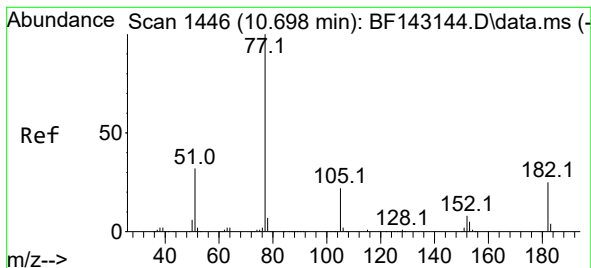
Tgt Ion:204 Resp: 222162
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.8
141 62.4 47.0 70.4



#62
4-Nitroaniline
Concen: 38.756 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

Tgt Ion:138 Resp: 85324
Ion Ratio Lower Upper
138 100
92 47.9 29.3 69.3
108 68.8 48.3 88.3





#63

Azobenzene

Concen: 46.679 ng

RT: 10.698 min Scan# 1446

Delta R.T. -0.000 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion: 77 Resp: 519126

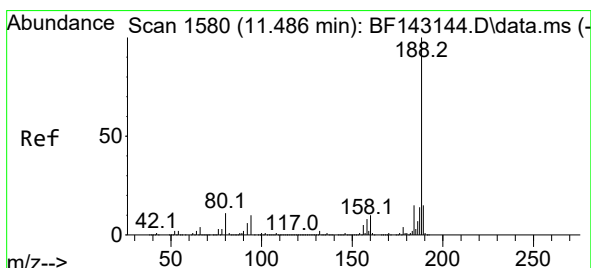
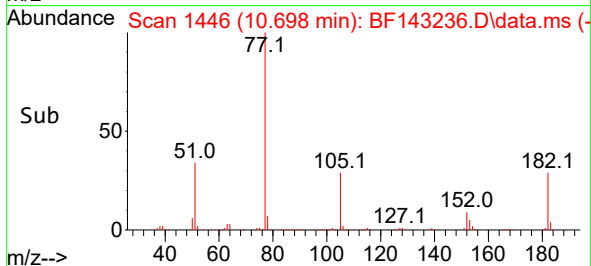
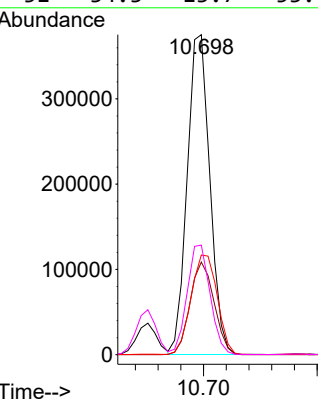
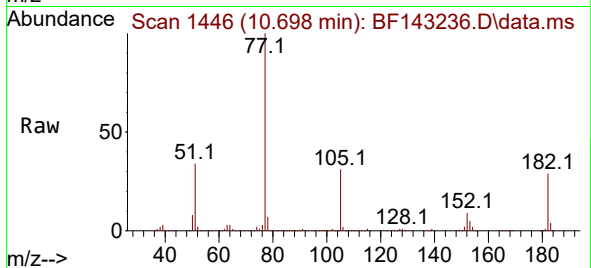
Ion Ratio Lower Upper

77 100

182 29.0 4.6 44.6

105 31.1 1.4 41.4

51 34.3 13.7 53.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.480 min Scan# 1579

Delta R.T. -0.006 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

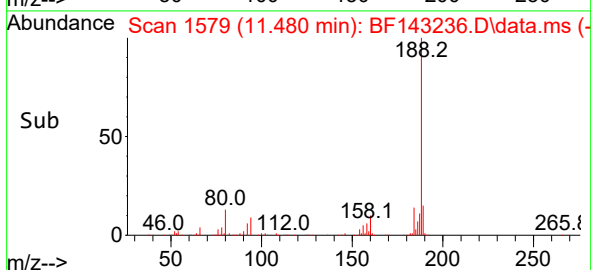
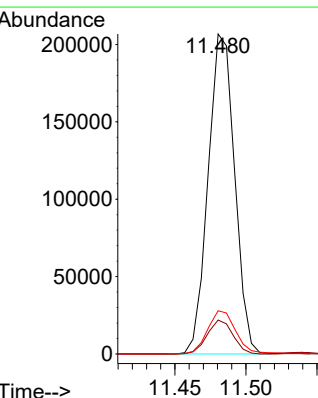
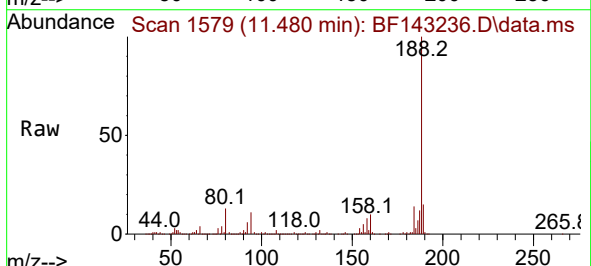
Tgt Ion:188 Resp: 268298

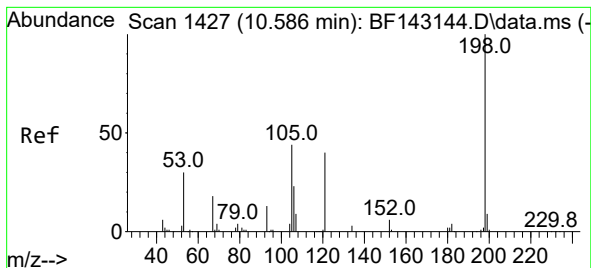
Ion Ratio Lower Upper

188 100

94 10.6 8.3 12.5

80 13.5 9.0 13.6

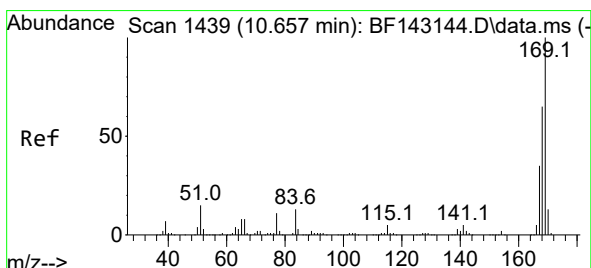
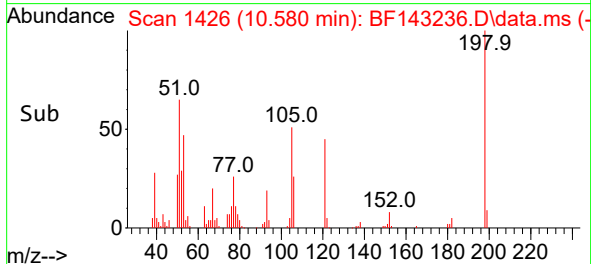
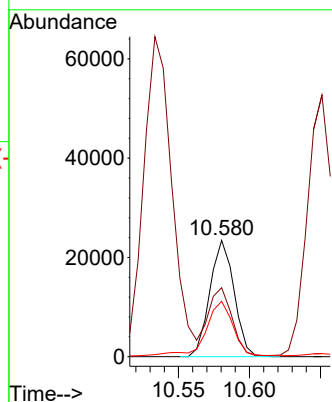
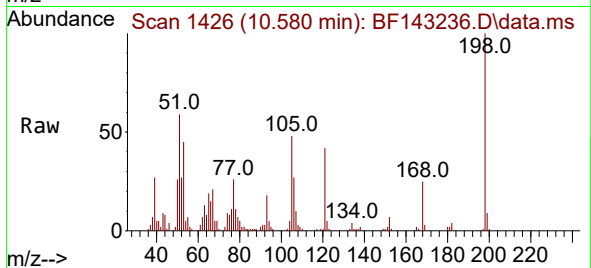




#65
4,6-Dinitro-2-methylphenol
Concen: 22.934 ng
RT: 10.580 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

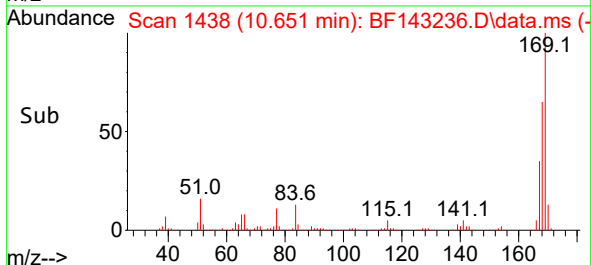
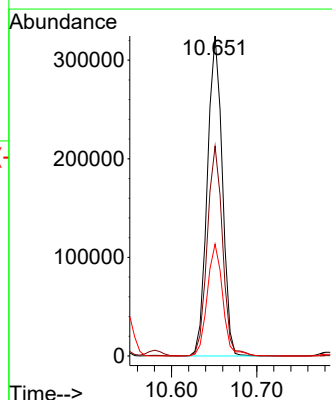
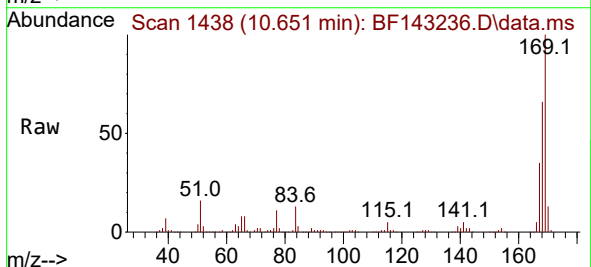
Instrument :
BNA_F
ClientSampleId :
TP-1MS

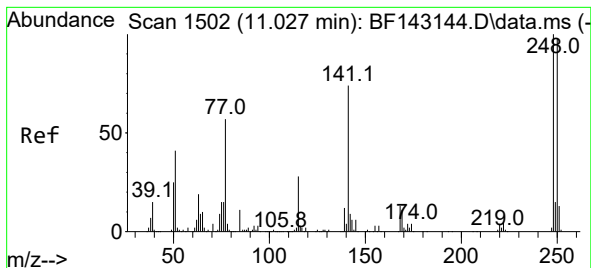
Tgt Ion:198 Resp: 27776
Ion Ratio Lower Upper
198 100
51 59.2 37.2 77.2
105 47.5 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 41.879 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

Tgt Ion:169 Resp: 395656
Ion Ratio Lower Upper
169 100
168 65.5 52.1 78.1
167 34.9 28.2 42.2

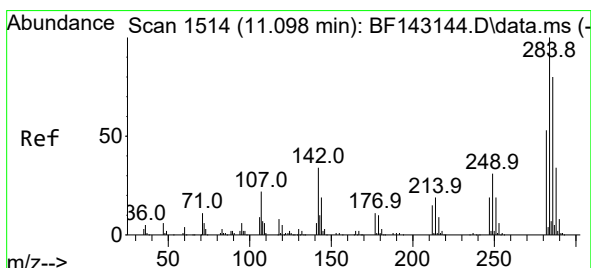
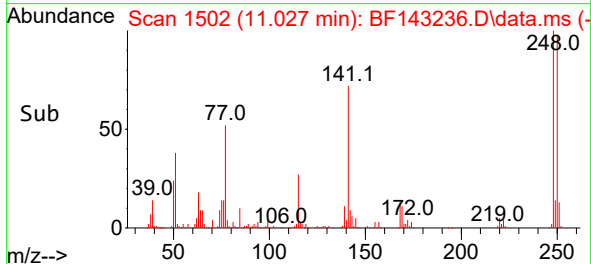
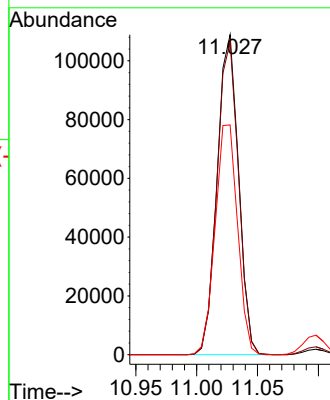
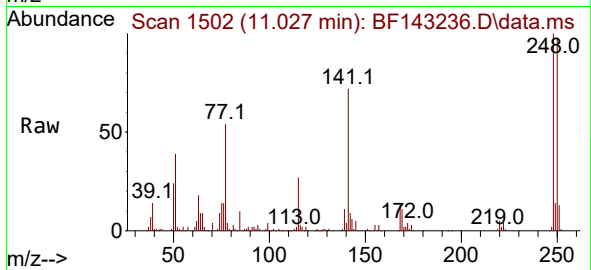




#67
4-Bromophenyl-phenylether
Concen: 41.719 ng
RT: 11.027 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

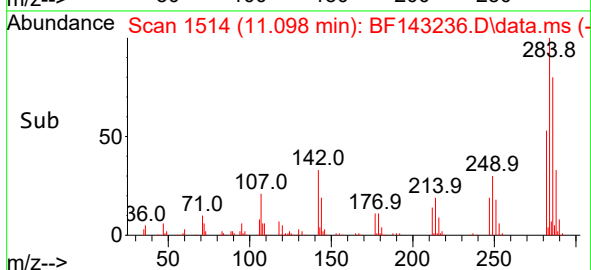
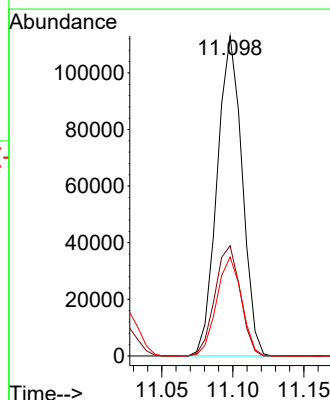
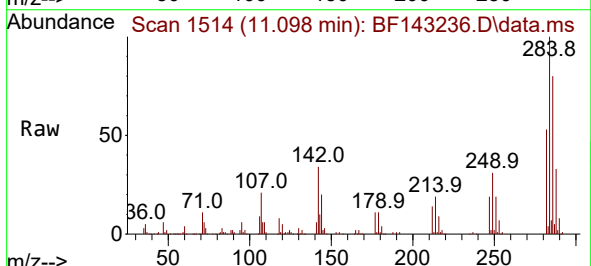
Instrument :
BNA_F
ClientSampleId :
TP-1MS

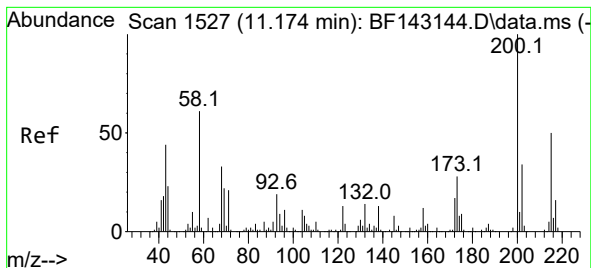
Tgt Ion:248 Resp: 133391
Ion Ratio Lower Upper
248 100
250 97.7 78.3 117.5
141 71.8 59.2 88.8



#68
Hexachlorobenzene
Concen: 41.361 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

Tgt Ion:284 Resp: 138227
Ion Ratio Lower Upper
284 100
142 34.5 27.0 40.6
249 30.9 25.0 37.6





#69

Atrazine

Concen: 47.573 ng

RT: 11.174 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

Instrument :

BNA_F

ClientSampleId :

TP-IMS

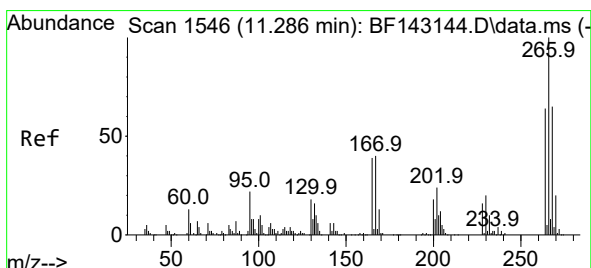
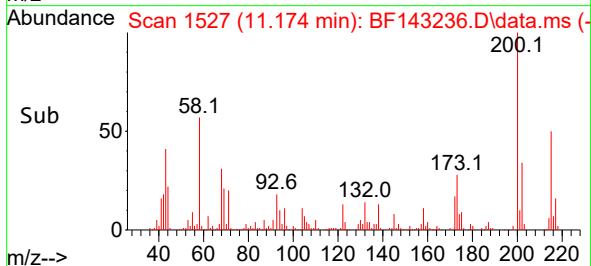
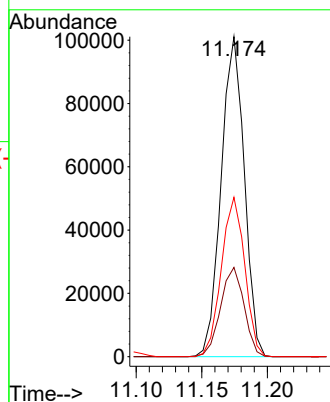
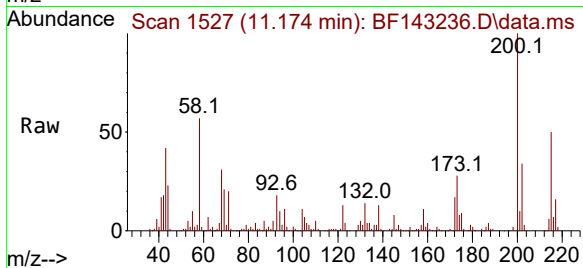
Tgt Ion:200 Resp: 123908

Ion Ratio Lower Upper

200 100

173 27.9 7.9 47.9

215 49.8 30.1 70.1



#70

Pentachlorophenol

Concen: 85.643 ng

RT: 11.286 min Scan# 1546

Delta R.T. -0.000 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

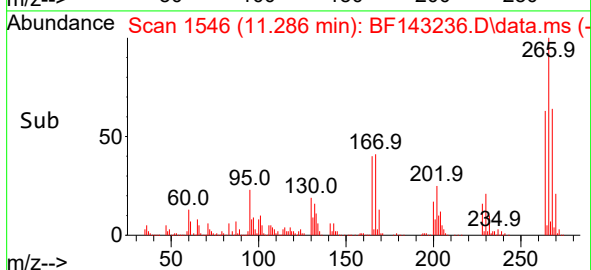
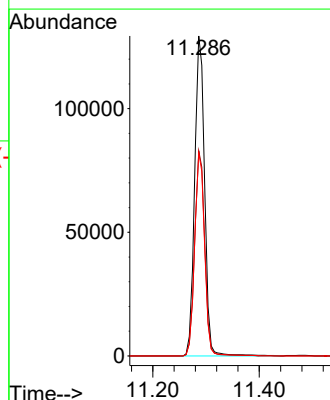
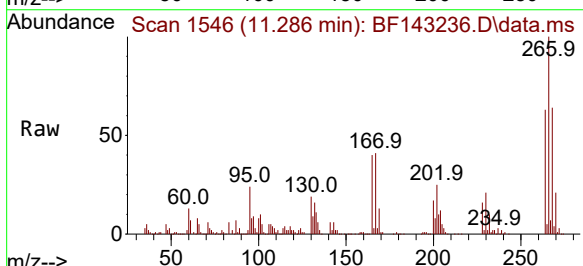
Tgt Ion:266 Resp: 168317

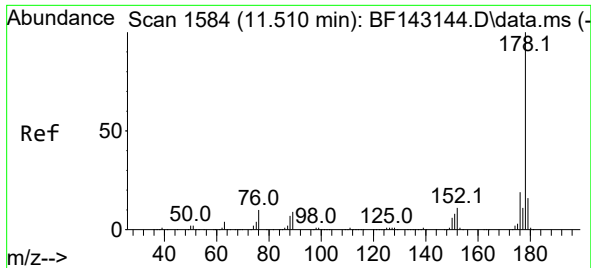
Ion Ratio Lower Upper

266 100

268 64.1 51.9 77.9

264 63.5 51.0 76.6

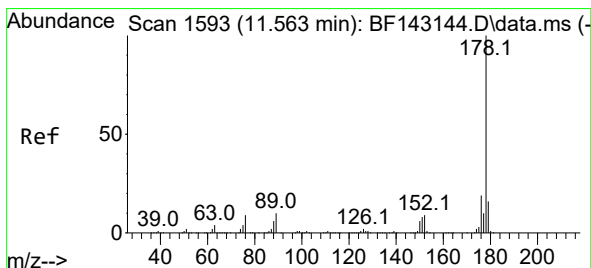
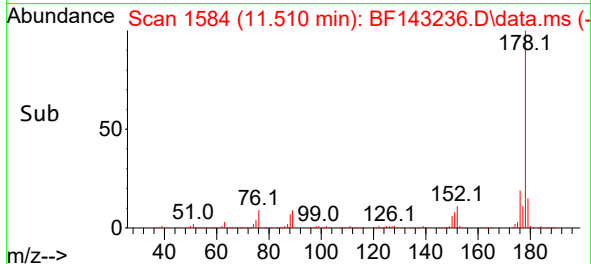
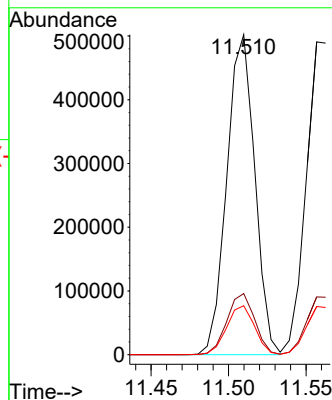
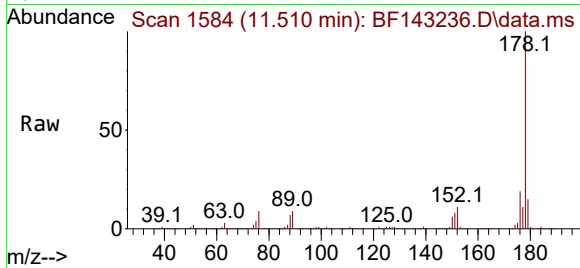




#71
Phenanthrene
Concen: 44.278 ng
RT: 11.510 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

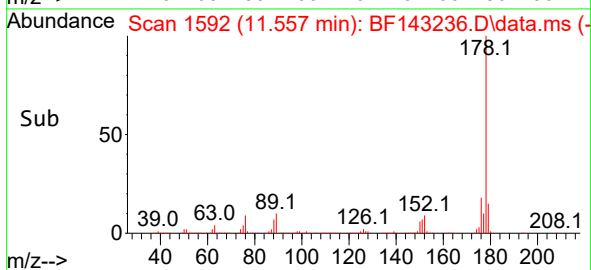
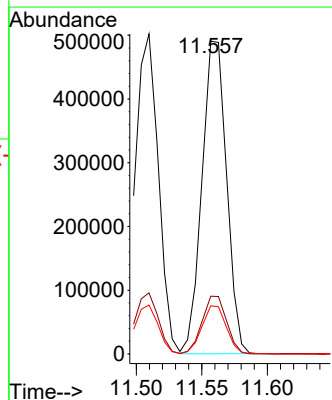
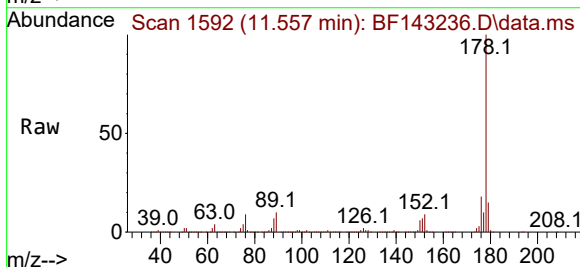
Instrument :
BNA_F
ClientSampleId :
TP-1MS

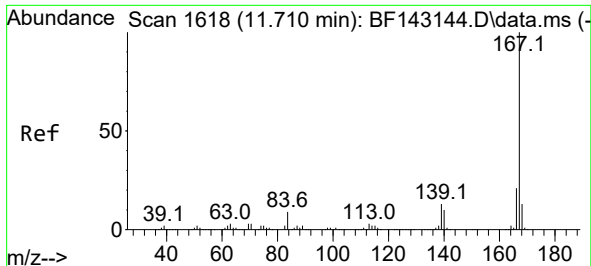
Tgt Ion:178 Resp: 630770
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.3 12.5 18.7



#72
Anthracene
Concen: 44.249 ng
RT: 11.557 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

Tgt Ion:178 Resp: 642897
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.4 12.5 18.7

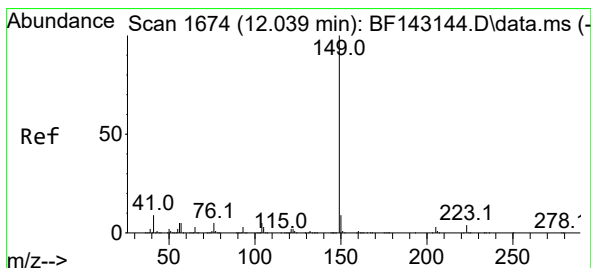
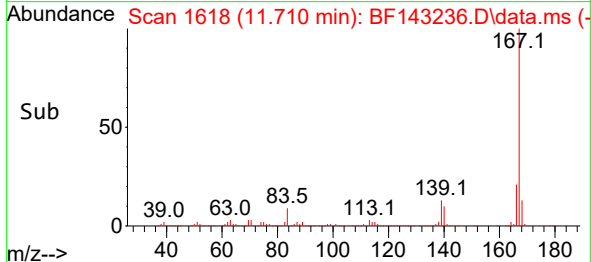
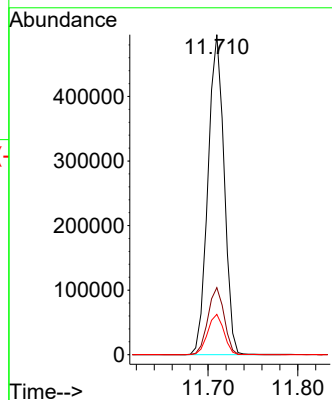
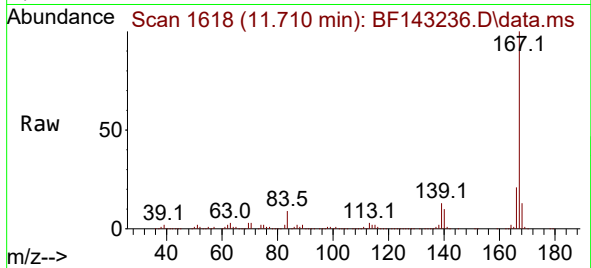




#73
 Carbazole
 Concen: 48.828 ng
 RT: 11.710 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: BF143236.D
 Acq: 24 Jul 2025 16:28

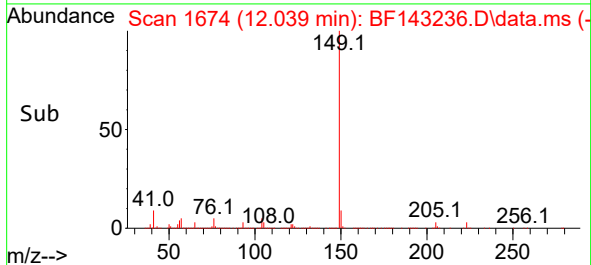
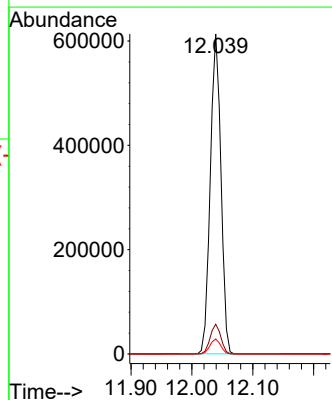
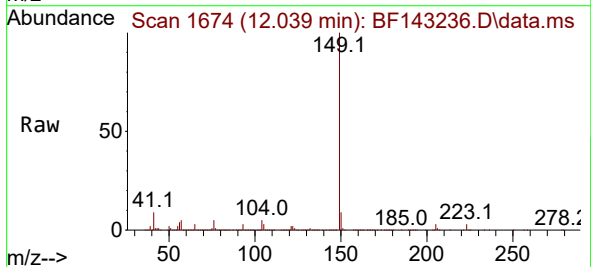
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

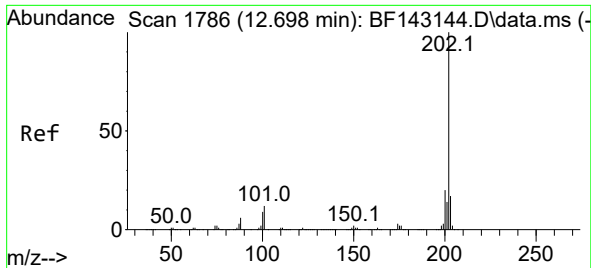
Tgt Ion:167 Resp: 619465
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.0 25.6
 139 12.6 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 51.729 ng
 RT: 12.039 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BF143236.D
 Acq: 24 Jul 2025 16:28

Tgt Ion:149 Resp: 742569
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.7 3.8 5.8

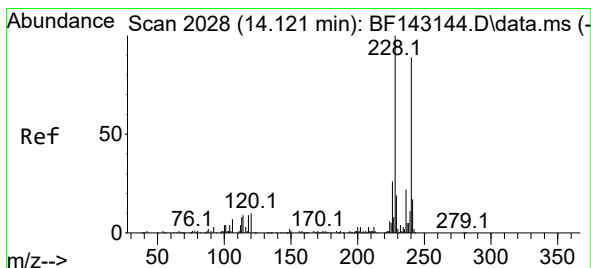
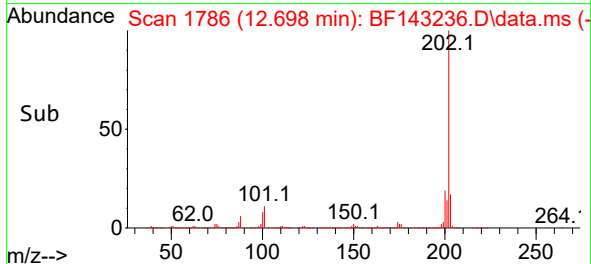
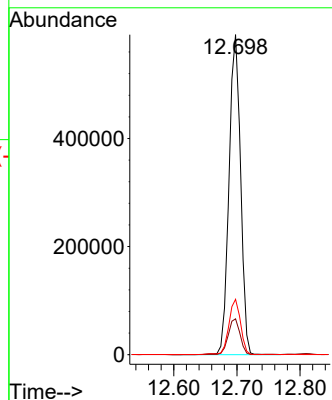
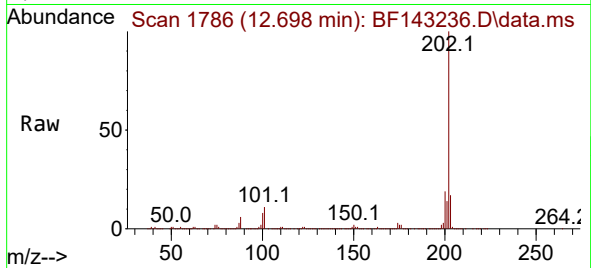




#75
Fluoranthene
Concen: 57.422 ng
RT: 12.698 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

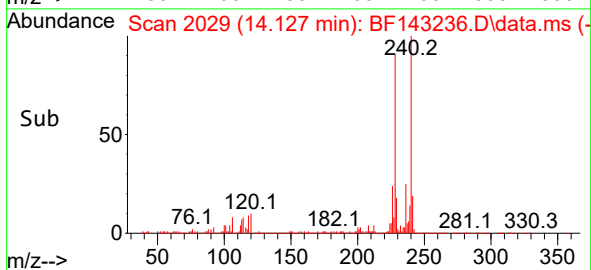
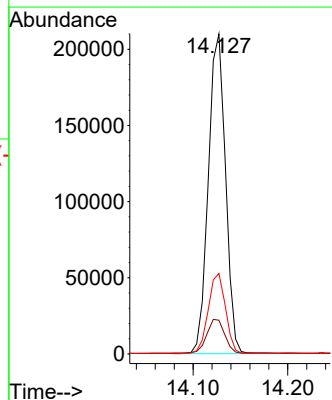
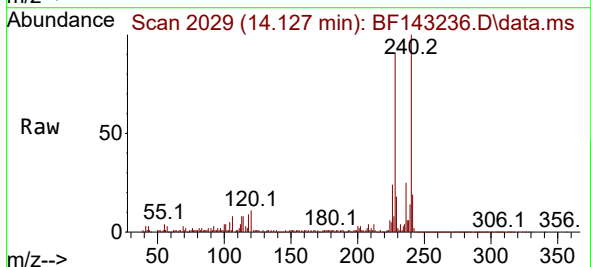
Instrument :
BNA_F
ClientSampleId :
TP-1MS

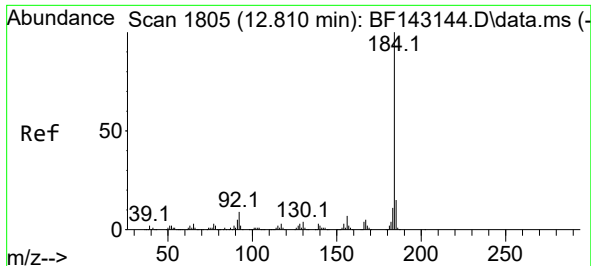
Tgt Ion:202 Resp: 750836
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.7
203 17.3 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

Tgt Ion:240 Resp: 264314
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.2
236 25.1 20.2 30.4

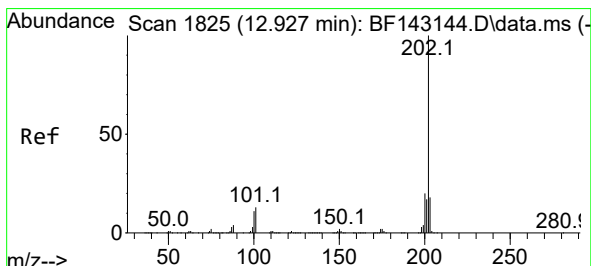
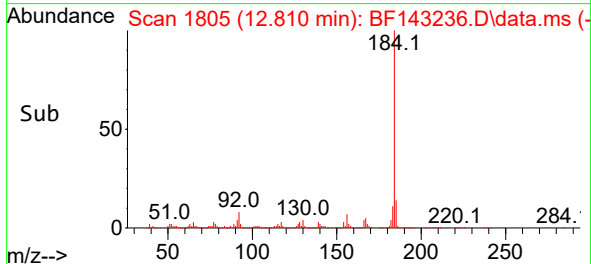
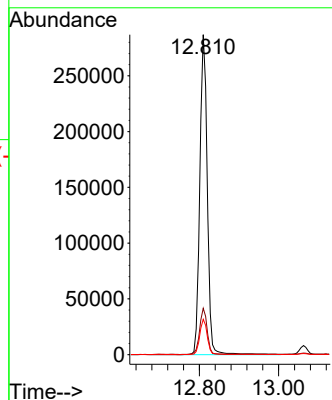
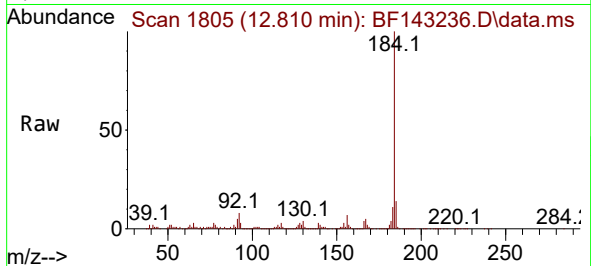




#77
Benzidine
Concen: 36.629 ng
RT: 12.810 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

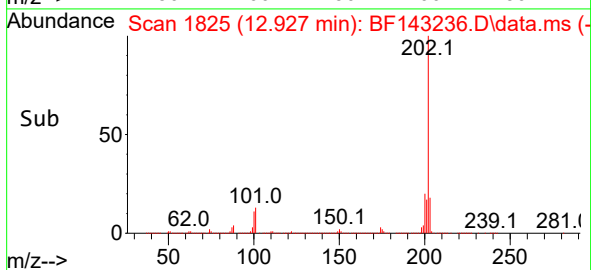
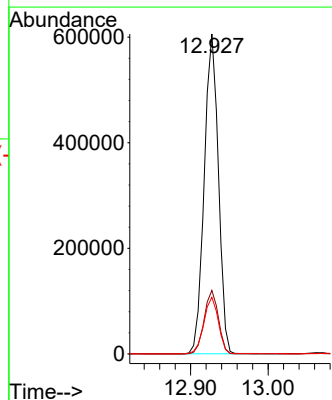
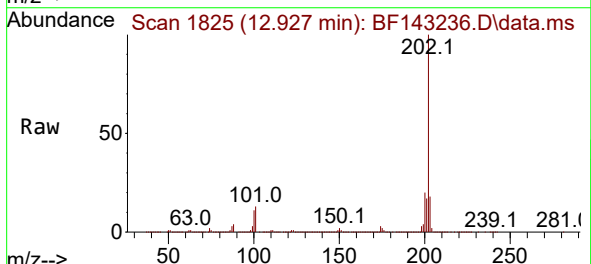
Instrument :
BNA_F
ClientSampleId :
TP-1MS

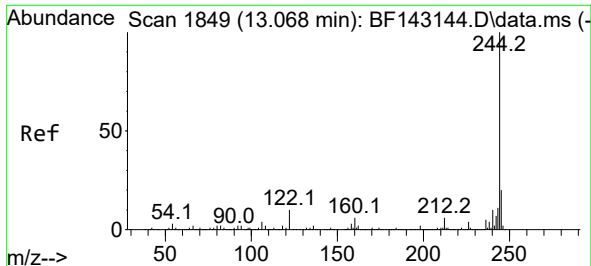
Tgt Ion:184 Resp: 373003
Ion Ratio Lower Upper
184 100
185 14.5 12.2 18.4
183 11.1 9.0 13.4



#78
Pyrene
Concen: 34.067 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

Tgt Ion:202 Resp: 768472
Ion Ratio Lower Upper
202 100
200 19.8 15.7 23.5
203 17.7 14.2 21.2

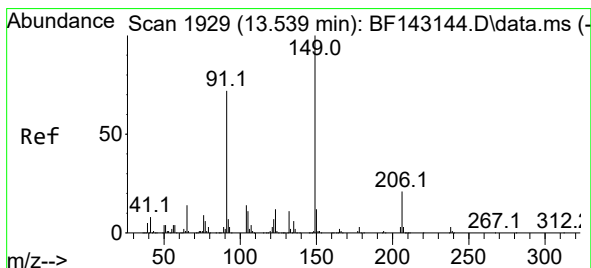
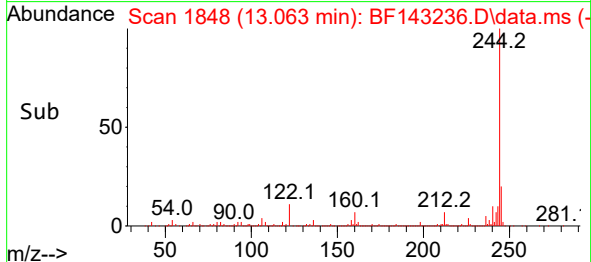
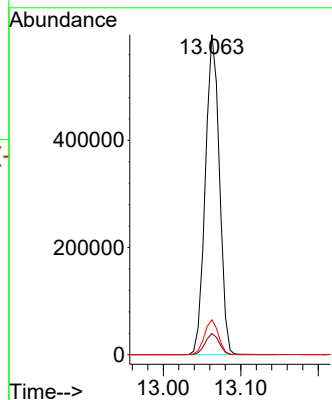
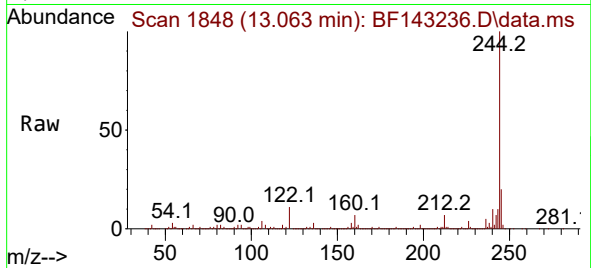




#79
 Terphenyl-d14
 Concen: 42.369 ng
 RT: 13.063 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF143236.D
 Acq: 24 Jul 2025 16:28

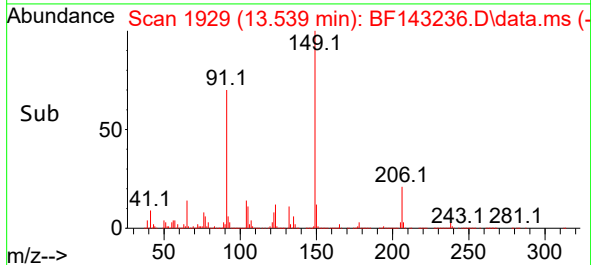
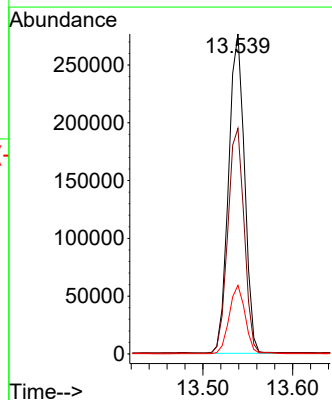
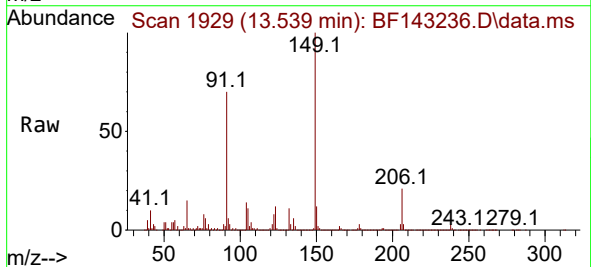
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

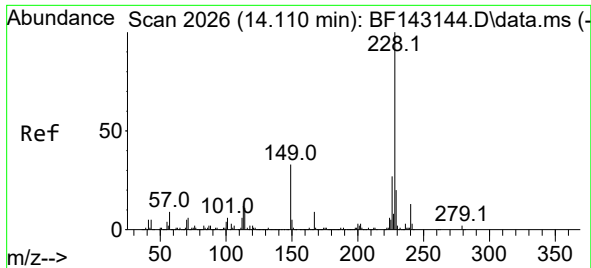
Tgt Ion:244 Resp: 752549
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 10.9 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 49.504 ng
 RT: 13.539 min Scan# 1929
 Delta R.T. -0.000 min
 Lab File: BF143236.D
 Acq: 24 Jul 2025 16:28

Tgt Ion:149 Resp: 341948
 Ion Ratio Lower Upper
 149 100
 91 70.5 57.9 86.9
 206 21.5 17.0 25.4

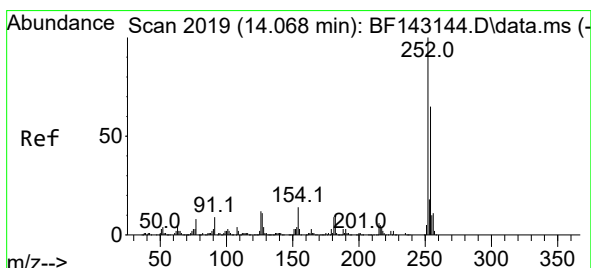
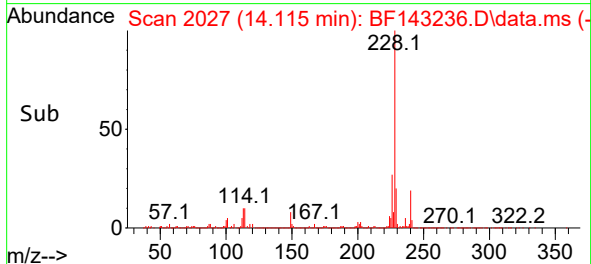
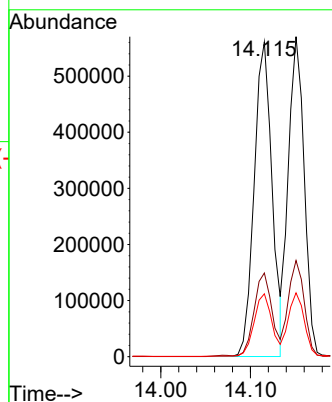
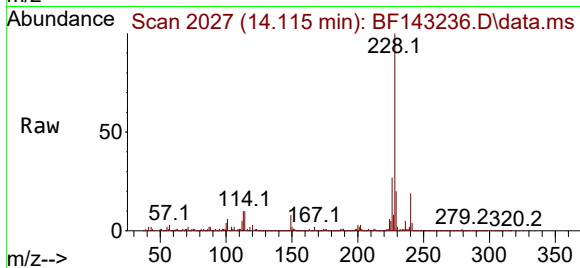




#81
Benzo(a)anthracene
Concen: 43.979 ng
RT: 14.115 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

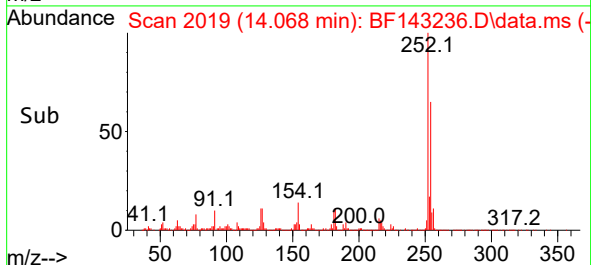
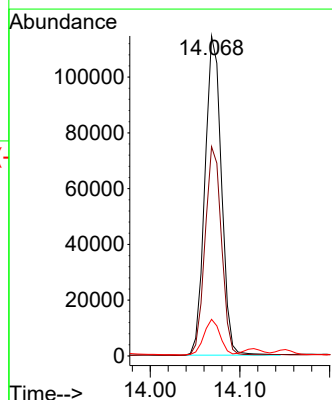
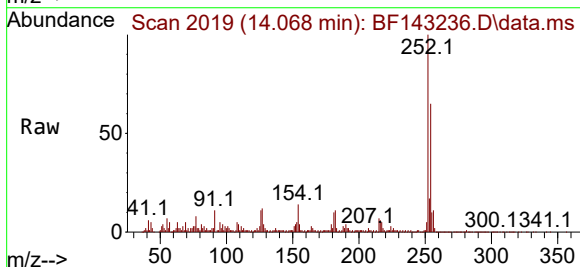
Instrument :
BNA_F
ClientSampleId :
TP-1MS

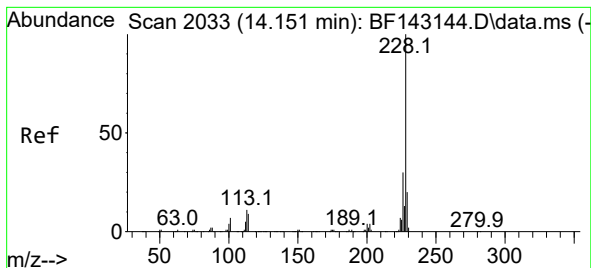
Tgt Ion:228 Resp: 778239
Ion Ratio Lower Upper
228 100
226 26.6 21.7 32.5
229 20.0 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 24.797 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143236.D
Acq: 24 Jul 2025 16:28

Tgt Ion:252 Resp: 146248
Ion Ratio Lower Upper
252 100
254 65.4 51.7 77.5
126 11.5 9.4 14.0





#83

Chrysene

Concen: 43.747 ng

RT: 14.151 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

Instrument :

BNA_F

ClientSampleId :

TP-1MS

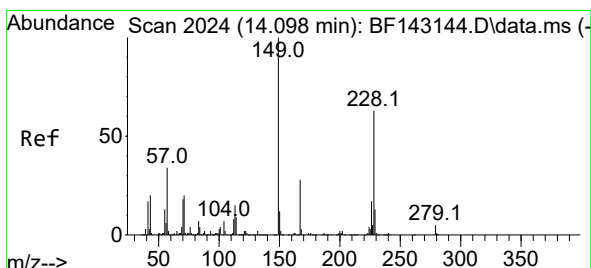
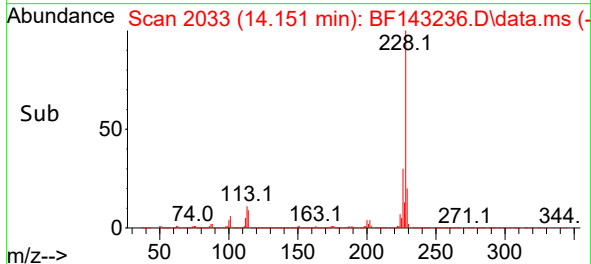
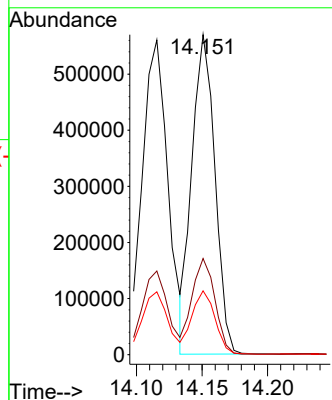
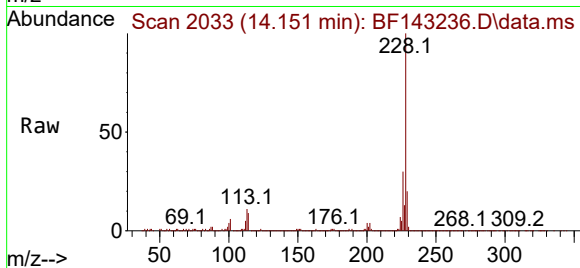
Tgt Ion:228 Resp: 696023

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.8

229 20.0 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.469 ng

RT: 14.098 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

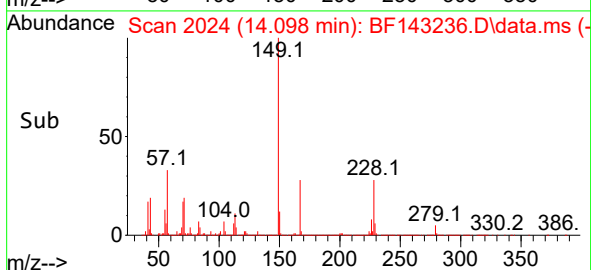
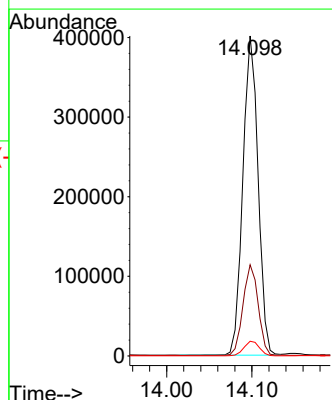
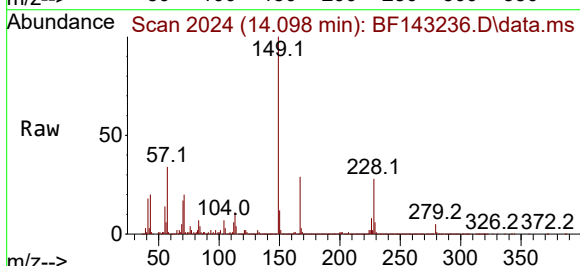
Tgt Ion:149 Resp: 496301

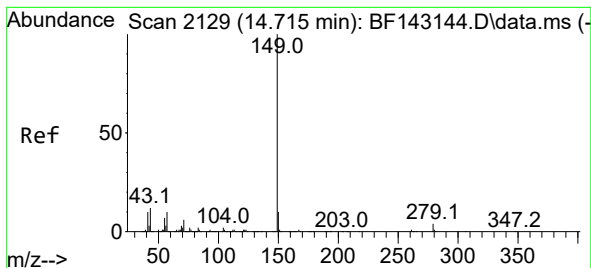
Ion Ratio Lower Upper

149 100

167 28.5 22.3 33.5

279 4.6 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 46.692 ng

RT: 14.715 min Scan# 2129

Delta R.T. 0.000 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

Instrument :

BNA_F

ClientSampleId :

TP-1MS

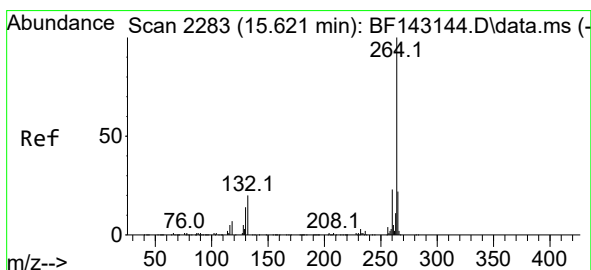
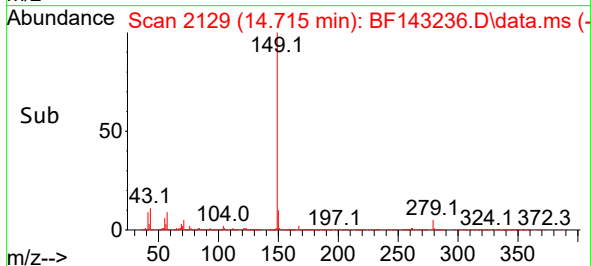
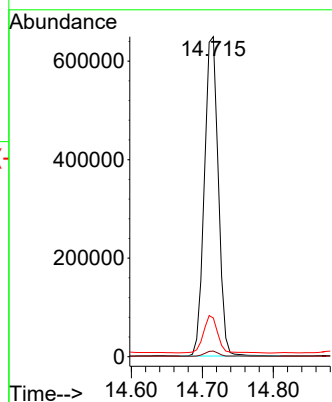
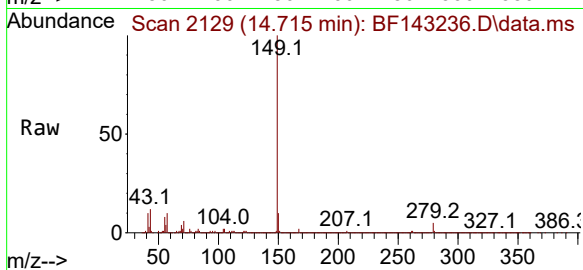
Tgt Ion:149 Resp: 884875

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 12.1 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.627 min Scan# 2284

Delta R.T. 0.006 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

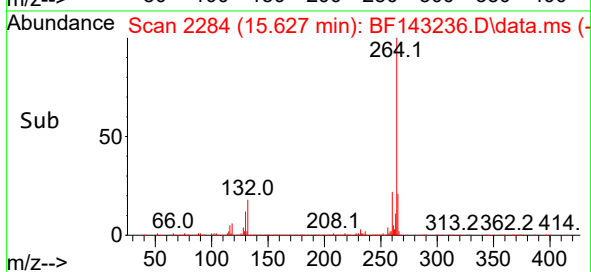
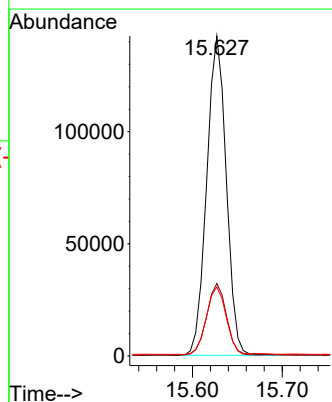
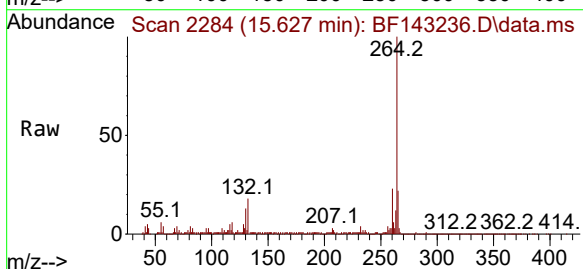
Tgt Ion:264 Resp: 215349

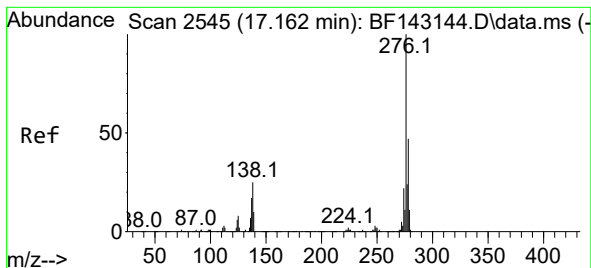
Ion Ratio Lower Upper

264 100

260 22.7 18.5 27.7

265 21.6 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 29.665 ng

RT: 17.168 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

Instrument :

BNA_F

ClientSampleId :

TP-1MS

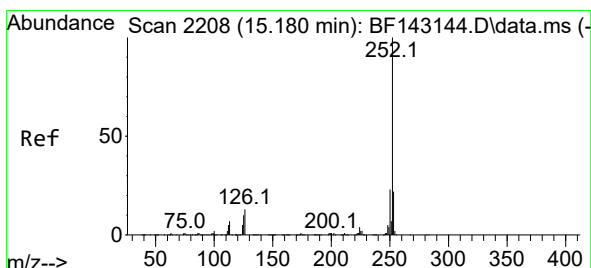
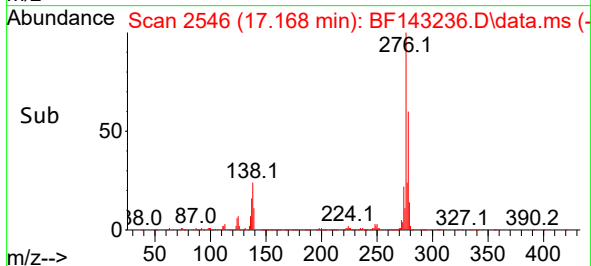
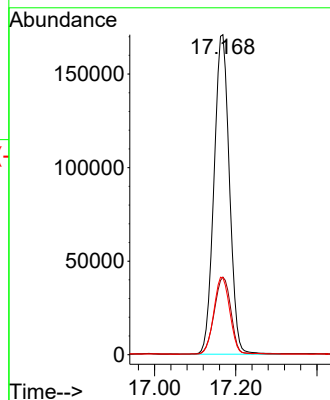
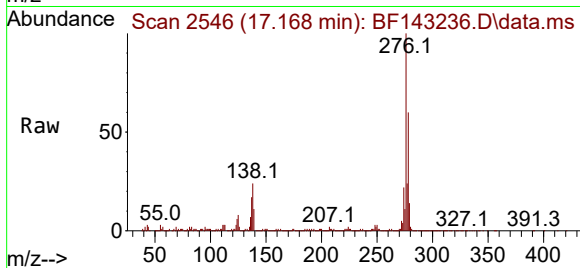
Tgt Ion:276 Resp: 450467

Ion Ratio Lower Upper

276 100

138 25.8 21.8 32.6

277 24.8 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 50.911 ng

RT: 15.186 min Scan# 2209

Delta R.T. 0.006 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

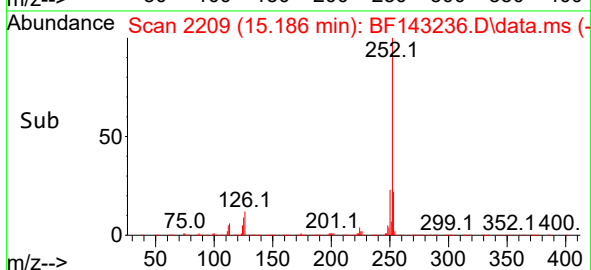
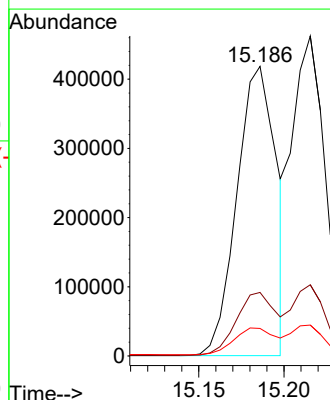
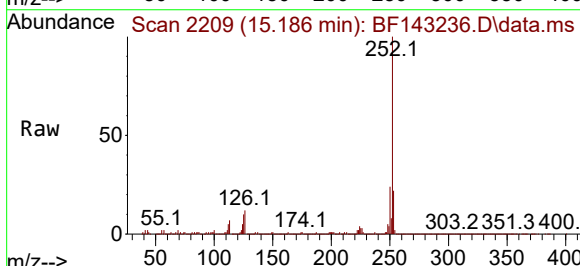
Tgt Ion:252 Resp: 669775

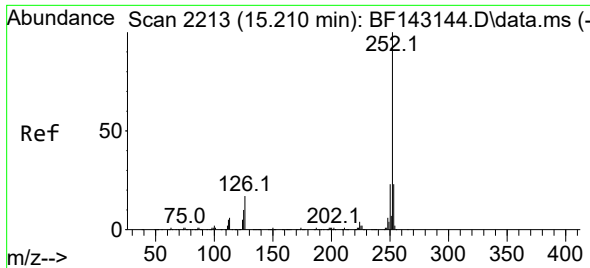
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.5 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 52.859 ng

RT: 15.215 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

Instrument :

BNA_F

ClientSampleId :

TP-1MS

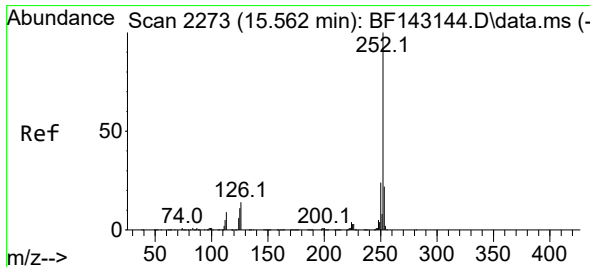
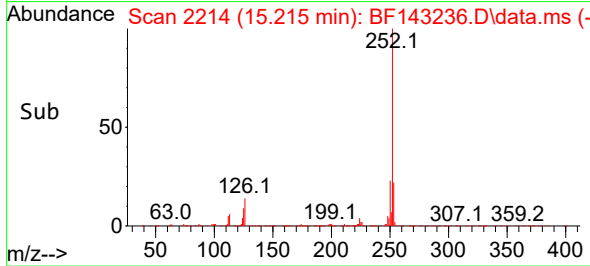
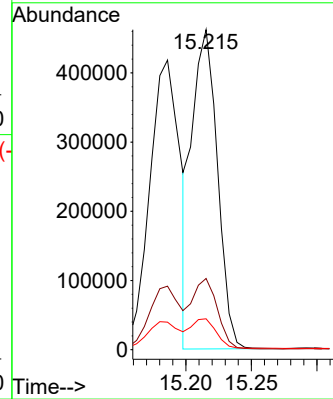
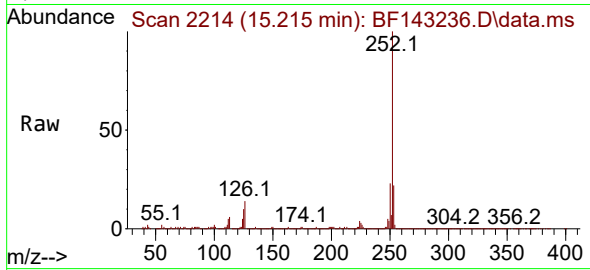
Tgt Ion:252 Resp: 620547

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 9.6 8.1 12.1



#90

Benzo(a)pyrene

Concen: 45.552 ng

RT: 15.562 min Scan# 2273

Delta R.T. 0.000 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

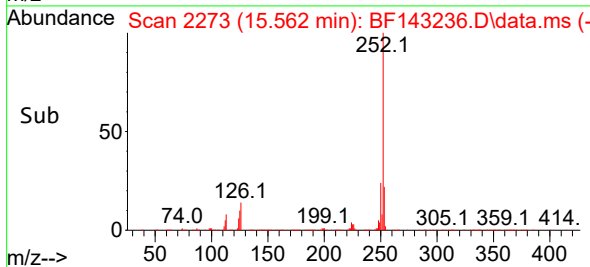
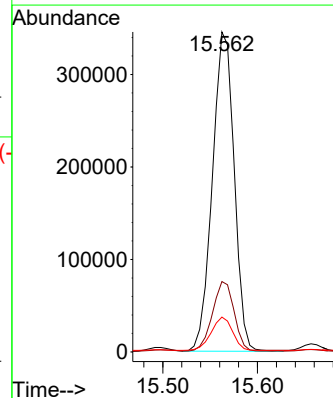
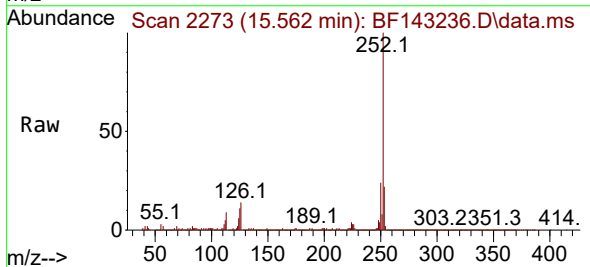
Tgt Ion:252 Resp: 552142

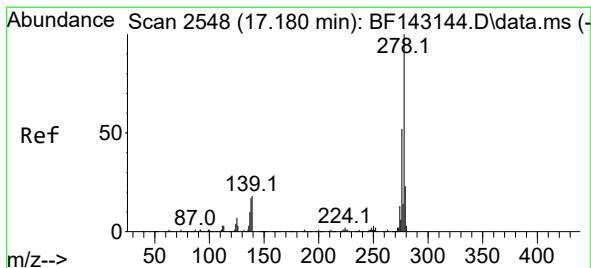
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 10.9 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 29.641 ng

RT: 17.180 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

Instrument :

BNA_F

ClientSampleId :

TP-1MS

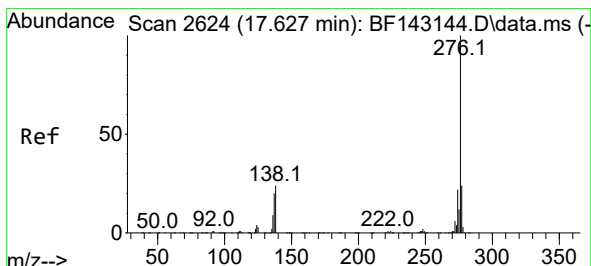
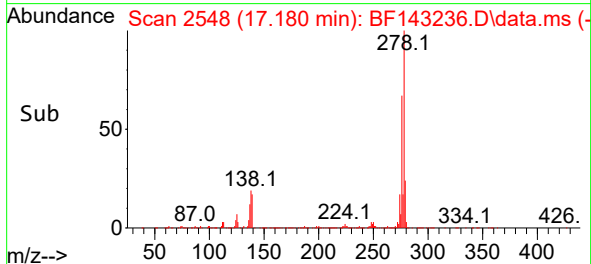
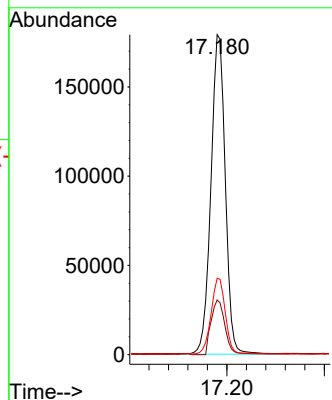
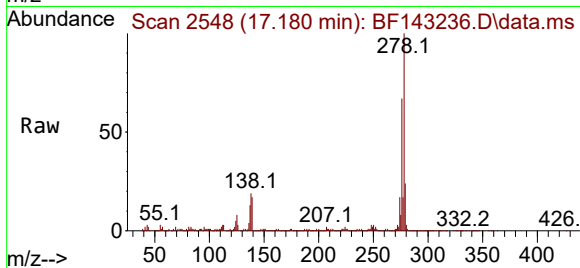
Tgt Ion:278 Resp: 366354

Ion Ratio Lower Upper

278 100

139 17.1 14.1 21.1

279 23.9 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 29.451 ng

RT: 17.633 min Scan# 2625

Delta R.T. 0.006 min

Lab File: BF143236.D

Acq: 24 Jul 2025 16:28

Tgt Ion:276 Resp: 352110

Ion Ratio Lower Upper

276 100

277 23.3 19.1 28.7

138 22.3 18.9 28.3

