

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
 Data File : BF142531.D
 Acq On : 23 May 2025 13:12
 Operator : RC/JU
 Sample : Q2100-04MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-45MS

Quant Time: May 23 13:39:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	126551	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	479831	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	253217	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	418845	20.000	ng	0.00
76) Chrysene-d12	14.069	240	224873	20.000	ng	0.00
86) Perylene-d12	15.563	264	247916	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	704635	93.807	ng	0.00
7) Phenol-d6	6.522	99	887022	98.099	ng	-0.01
23) Nitrobenzene-d5	7.463	82	529950	60.224	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	286579	101.971	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1081815	57.328	ng	-0.01
79) Terphenyl-d14	13.010	244	928535	56.427	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	103216	34.339	ng	99
3) Pyridine	3.493	79	284645	37.187	ng	100
4) n-Nitrosodimethylamine	3.446	42	165626	41.674	ng	96
6) Aniline	6.563	93	410799	33.789	ng	100
8) 2-Chlorophenol	6.681	128	344650	42.125	ng	98
9) Benzaldehyde	6.445	77	206235	37.921	ng	98
10) Phenol	6.540	94	421804	41.458	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	303451	41.433	ng	100
12) 1,3-Dichlorobenzene	6.840	146	369527	40.476	ng	99
13) 1,4-Dichlorobenzene	6.916	146	371139	40.357	ng	99
14) 1,2-Dichlorobenzene	7.069	146	359344	40.836	ng	99
15) Benzyl Alcohol	7.040	79	281673	42.153	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	506866	41.211	ng	99
17) 2-Methylphenol	7.145	107	266587	41.734	ng	99
18) Hexachloroethane	7.410	117	130566	40.660	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	226470	40.413	ng	100
20) 3+4-Methylphenols	7.298	107	328561	40.166	ng	# 90
22) Acetophenone	7.310	105	442818	41.689	ng	99
24) Nitrobenzene	7.481	77	338446	42.645	ng	98
25) Isophorone	7.722	82	607573	41.297	ng	98
26) 2-Nitrophenol	7.798	139	185622	43.771	ng	98
27) 2,4-Dimethylphenol	7.834	122	318621	42.605	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	379961	41.343	ng	100
29) 2,4-Dichlorophenol	8.039	162	286157	42.075	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	307585	41.672	ng	98
31) Naphthalene	8.204	128	976314	41.323	ng	100
32) Benzoic acid	7.951	122	220667	48.473	ng	97
33) 4-Chloroaniline	8.251	127	156215	16.317	ng	97
34) Hexachlorobutadiene	8.322	225	189081	41.027	ng	99
35) Caprolactam	8.622	113	53140	27.820	ng	100
36) 4-Chloro-3-methylphenol	8.728	107	292388	41.949	ng	99
37) 2-Methylnaphthalene	8.892	142	600475	40.398	ng	100
38) 1-Methylnaphthalene	8.992	142	621886	40.448	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	307313	42.278	ng	99
41) Hexachlorocyclopentadiene	9.051	237	407295	83.063	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	214558	43.774	ng	97

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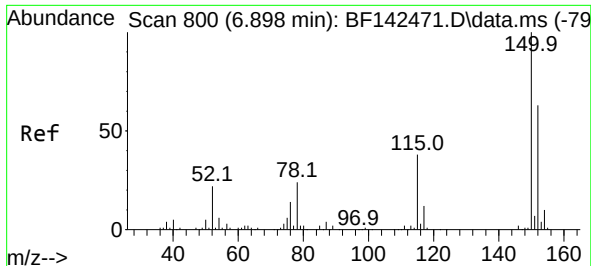
Quant Time: May 23 13:39:55 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	215965	41.778	ng	99
46) 1,1'-Biphenyl	9.357	154	822660	41.876	ng	100
47) 2-Chloronaphthalene	9.386	162	604422	41.643	ng	98
48) 2-Nitroaniline	9.481	65	178733	42.603	ng	98
49) Acenaphthylene	9.804	152	1017688	41.523	ng	100
50) Dimethylphthalate	9.663	163	708873	42.427	ng	100
51) 2,6-Dinitrotoluene	9.722	165	155634	43.158	ng	99
52) Acenaphthene	9.975	154	684906	45.765	ng	100
53) 3-Nitroaniline	9.886	138	98207	24.934	ng	100
54) 2,4-Dinitrophenol	9.998	184	189583	101.759	ng	93
55) Dibenzofuran	10.145	168	887997	41.233	ng	99
56) 4-Nitrophenol	10.051	139	258869	89.074	ng	99
57) 2,4-Dinitrotoluene	10.128	165	207938	44.153	ng	99
58) Fluorene	10.486	166	684012	41.113	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	185384	42.958	ng	100
60) Diethylphthalate	10.363	149	686074	42.044	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	331634	40.576	ng	98
62) 4-Nitroaniline	10.504	138	156171	43.718	ng	98
63) Azobenzene	10.639	77	677666	46.237	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	115375	49.359	ng	100
66) n-Nitrosodiphenylamine	10.598	169	597917	41.726	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	203700	41.130	ng	98
68) Hexachlorobenzene	11.039	284	234968	42.896	ng	97
69) Atrazine	11.128	200	180822	47.516	ng	100
70) Pentachlorophenol	11.228	266	273634	88.481	ng	99
71) Phenanthrene	11.451	178	926575	41.395	ng	99
72) Anthracene	11.504	178	957466	41.912	ng	99
73) Carbazole	11.657	167	833473	42.677	ng	100
74) Di-n-butylphthalate	11.986	149	983355	46.001	ng	100
75) Fluoranthene	12.639	202	893614	42.725	ng	98
77) Benzidine	12.763	184	377825	45.150	ng	99
78) Pyrene	12.869	202	881393	42.016	ng	100
80) Butylbenzylphthalate	13.486	149	300779	51.890	ng	99
81) Benzo(a)anthracene	14.057	228	635634	42.330	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	136420	29.953	ng	99
83) Chrysene	14.098	228	602154	44.628	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	383963	51.745	ng	99
85) Di-n-octyl phthalate	14.657	149	618171	42.606	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	799361	42.949	ng	99
88) Benzo(b)fluoranthene	15.121	252	683971	46.615	ng	98
89) Benzo(k)fluoranthene	15.151	252	541354	39.392	ng	98
90) Benzo(a)pyrene	15.498	252	610255	44.124	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	644627	42.704	ng	99
92) Benzo(g,h,i)perylene	17.533	276	650002	43.051	ng	98

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

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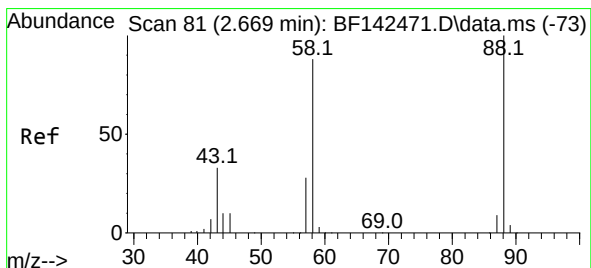
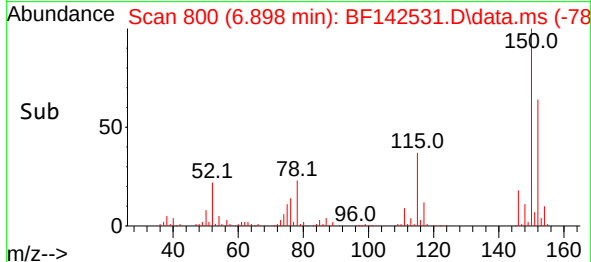
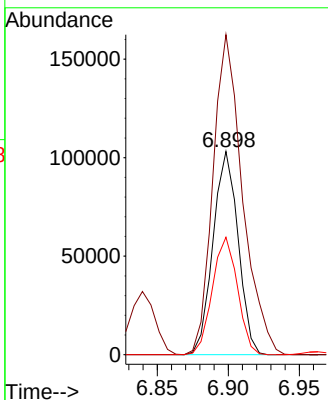
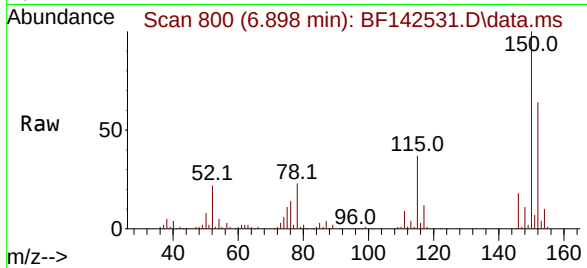




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF142531.D
 Acq: 23 May 2025 13:12

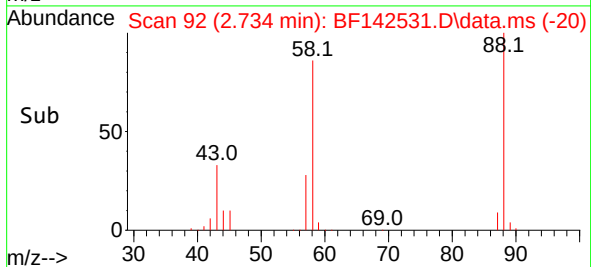
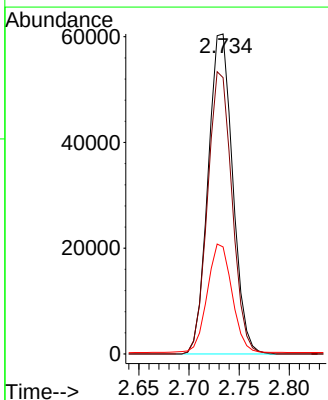
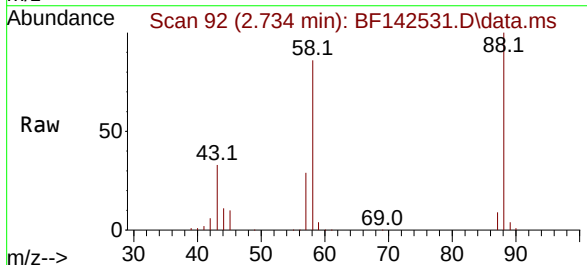
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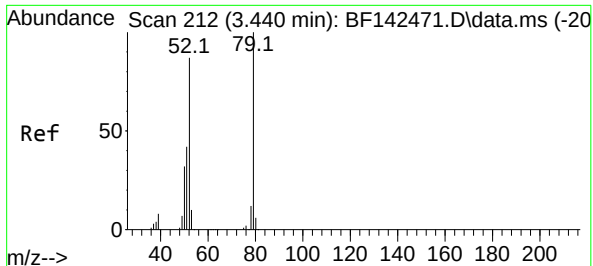
Tgt Ion:152 Resp: 126551
 Ion Ratio Lower Upper
 152 100
 150 157.4 128.2 192.4
 115 57.8 48.3 72.5



#2
 1,4-Dioxane
 Concen: 34.339 ng
 RT: 2.734 min Scan# 92
 Delta R.T. 0.071 min
 Lab File: BF142531.D
 Acq: 23 May 2025 13:12

Tgt Ion: 88 Resp: 103216
 Ion Ratio Lower Upper
 88 100
 58 87.7 70.8 106.2
 43 35.0 26.6 40.0





#3

Pyridine

Concen: 37.187 ng

RT: 3.493 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF142531.D

Acq: 23 May 2025 13:12

Instrument :

BNA_F

ClientSampleId :

TP-45MS

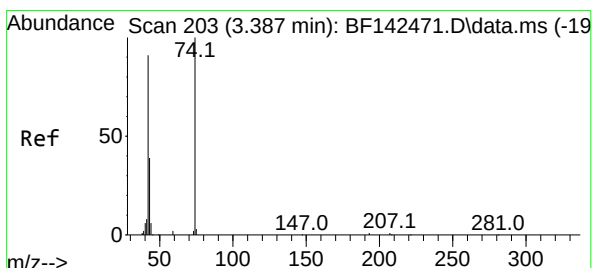
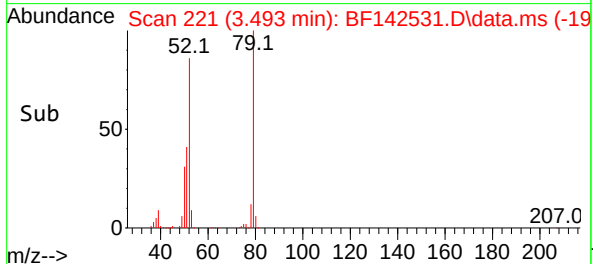
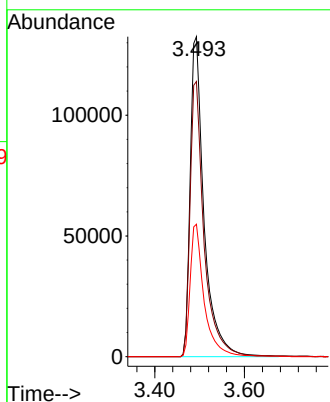
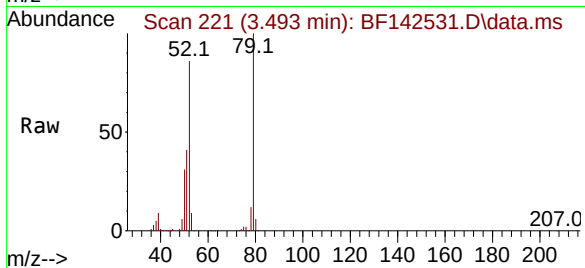
Tgt Ion: 79 Resp: 284645

Ion Ratio Lower Upper

79 100

52 86.0 69.2 103.8

51 41.4 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 41.674 ng

RT: 3.446 min Scan# 213

Delta R.T. 0.041 min

Lab File: BF142531.D

Acq: 23 May 2025 13:12

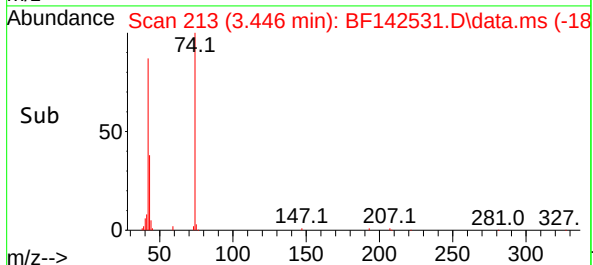
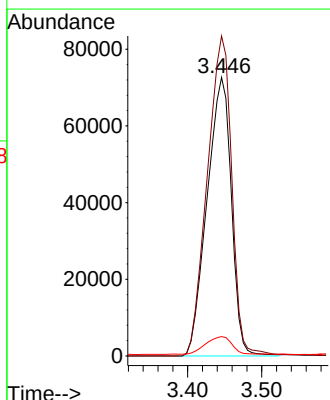
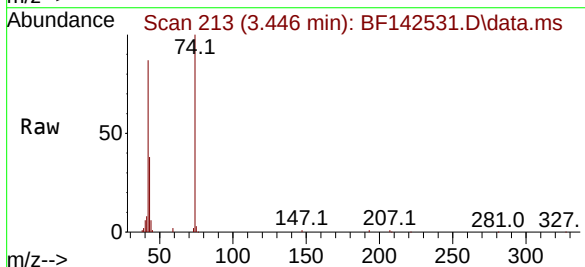
Tgt Ion: 42 Resp: 165626

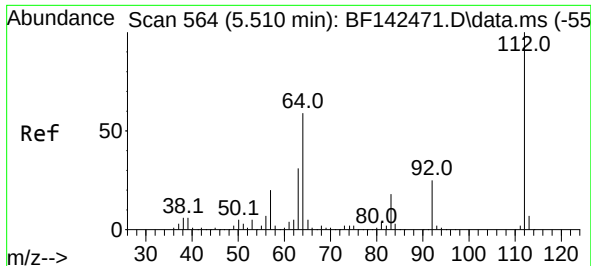
Ion Ratio Lower Upper

42 100

74 114.9 88.2 132.4

44 7.0 5.4 8.2

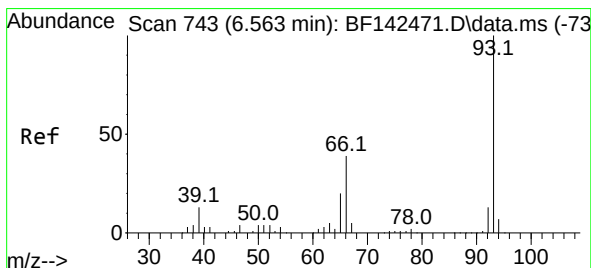
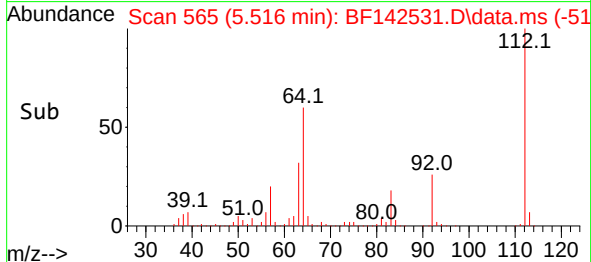
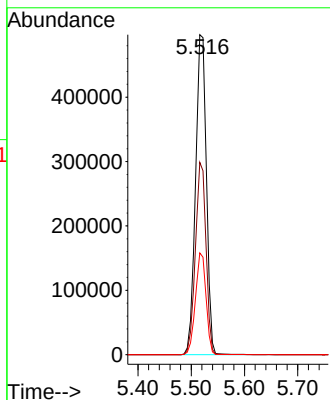
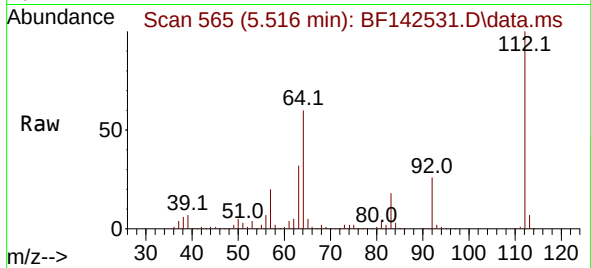




#5
2-Fluorophenol
Concen: 93.807 ng
RT: 5.516 min Scan# 501
Delta R.T. 0.000 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

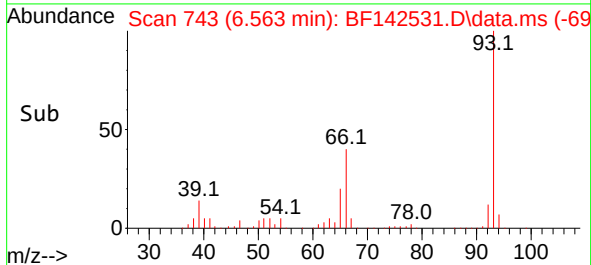
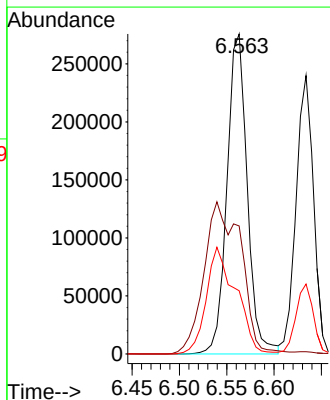
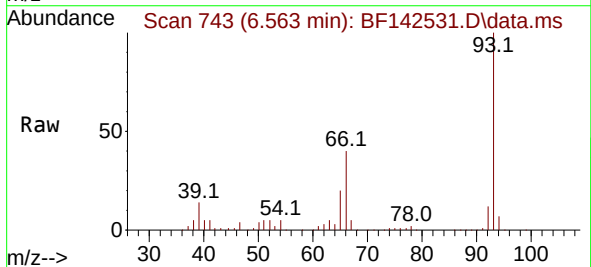
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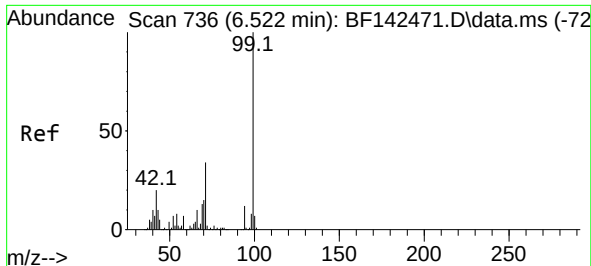
Tgt Ion:112 Resp: 704635
Ion Ratio Lower Upper
112 100
64 60.1 47.5 71.3
63 31.8 24.9 37.3



#6
Aniline
Concen: 33.789 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

Tgt Ion: 93 Resp: 410799
Ion Ratio Lower Upper
93 100
66 40.0 32.0 48.0
65 19.7 16.1 24.1





#7
Phenol-d6
Concen: 98.099 ng
RT: 6.522 min Scan# 714
Delta R.T. -0.012 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

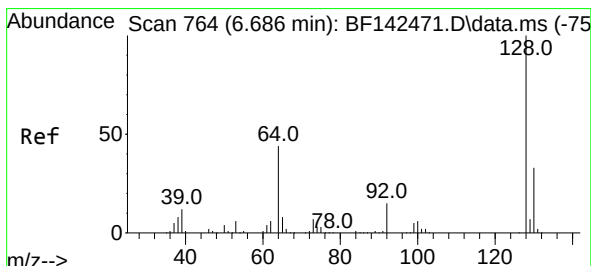
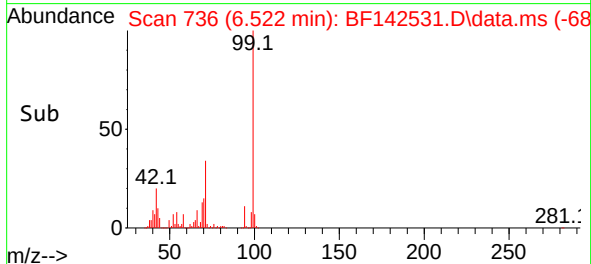
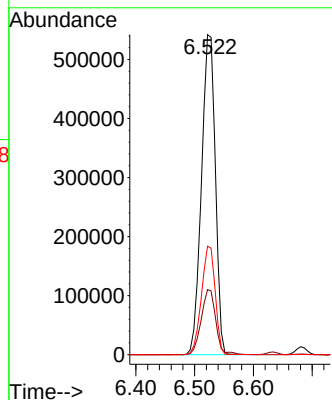
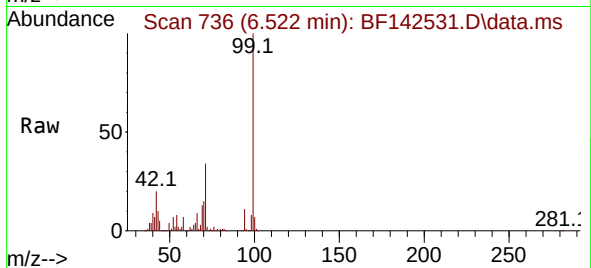
Instrument :

BNA_F

ClientSampleId :

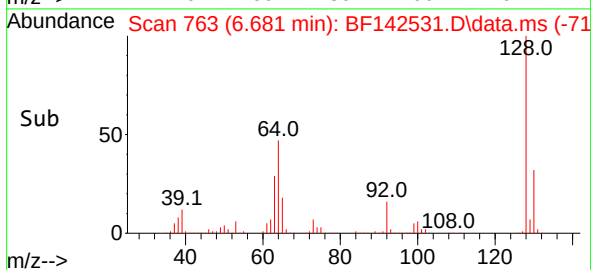
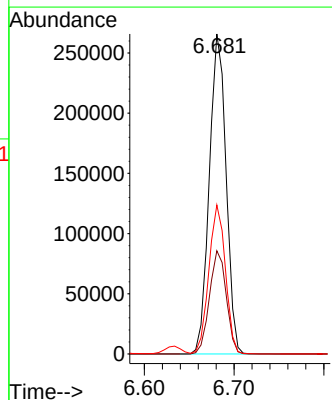
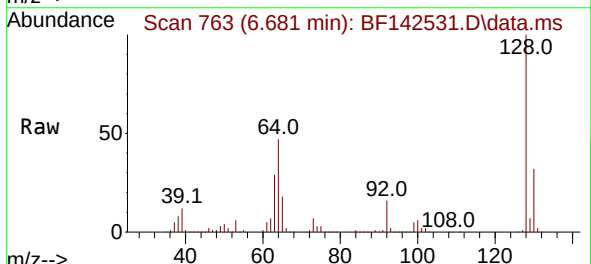
TP-45MS

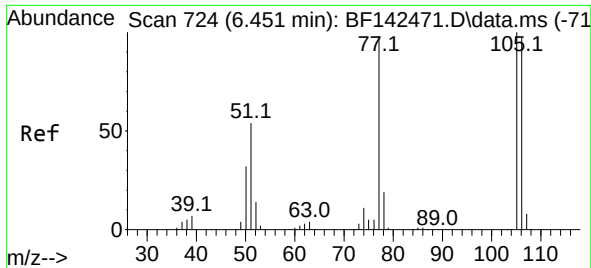
Tgt Ion: 99 Resp: 887022
Ion Ratio Lower Upper
99 100
42 20.4 16.2 24.2
71 33.9 27.3 40.9



#8
2-Chlorophenol
Concen: 42.125 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

Tgt Ion:128 Resp: 344650
Ion Ratio Lower Upper
128 100
130 32.3 12.6 52.6
64 46.5 25.1 65.1





#9

Benzaldehyde

Concen: 37.921 ng

RT: 6.445 min Scan# 724

Delta R.T. -0.006 min

Lab File: BF142531.D

Acq: 23 May 2025 13:12

Instrument :

BNA_F

ClientSampleId :

TP-45MS

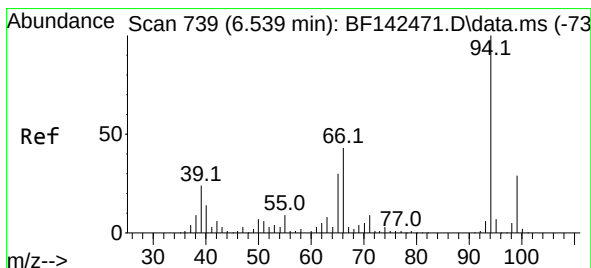
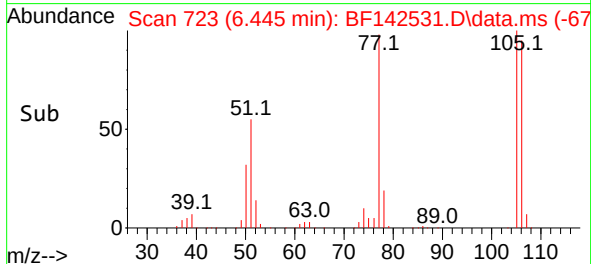
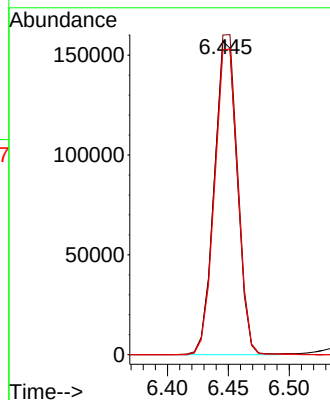
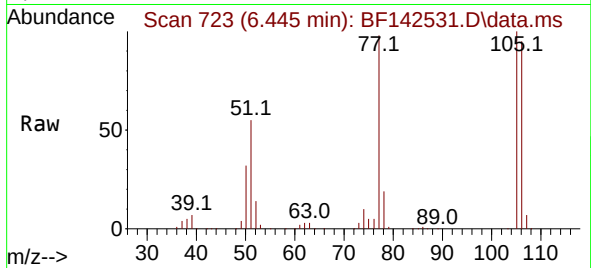
Tgt Ion: 77 Resp: 206235

Ion Ratio Lower Upper

77 100

105 102.0 82.5 122.5

106 97.1 80.0 120.0



#10

Phenol

Concen: 41.458 ng

RT: 6.540 min Scan# 739

Delta R.T. -0.012 min

Lab File: BF142531.D

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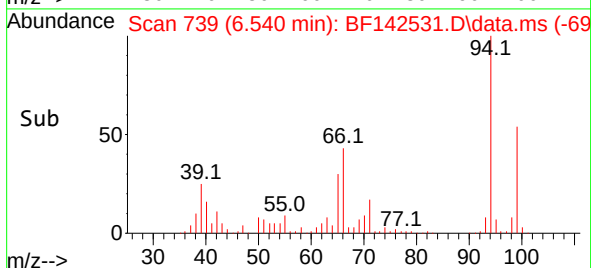
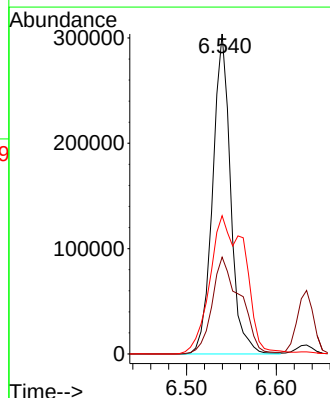
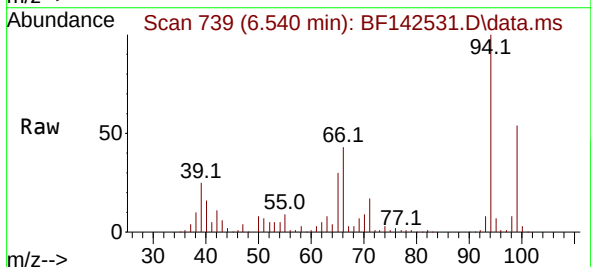
Tgt Ion: 94 Resp: 421804

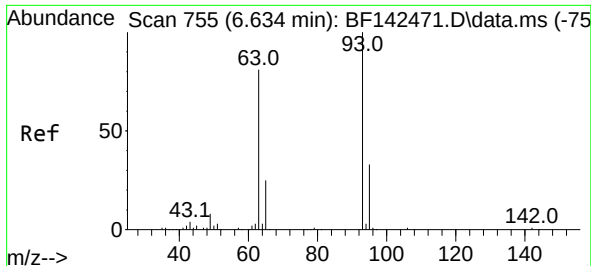
Ion Ratio Lower Upper

94 100

65 30.3 10.3 50.3

66 43.2 22.6 62.6

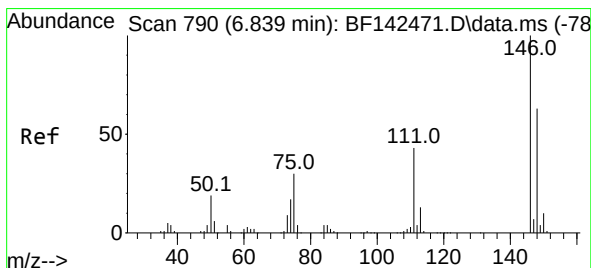
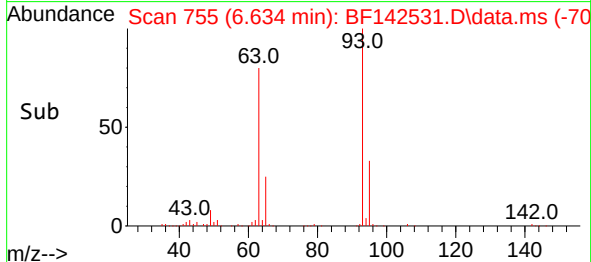
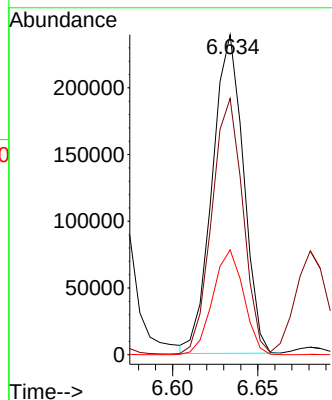
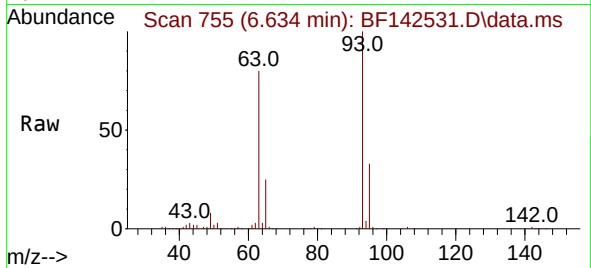




#11
bis(2-Chloroethyl)ether
Concen: 41.433 ng
RT: 6.634 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

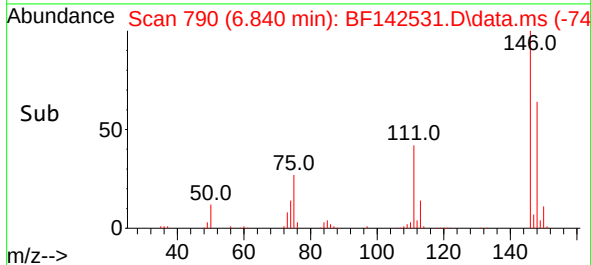
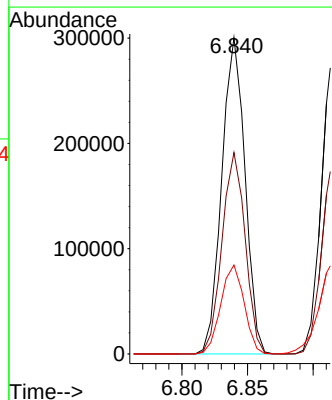
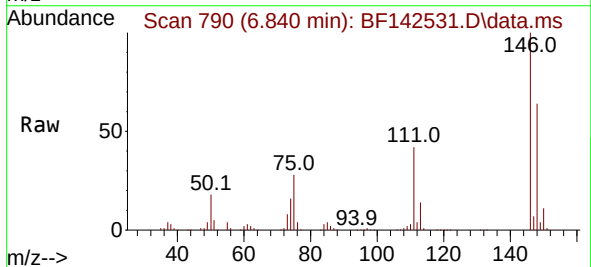
Instrument :
BNA_F
ClientSampleId :
TP-45MS

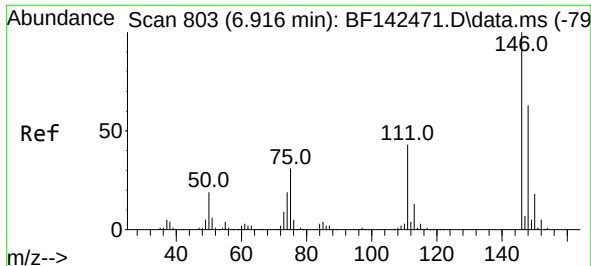
Tgt Ion: 93 Resp: 303451
Ion Ratio Lower Upper
93 100
63 80.1 60.2 100.2
95 32.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 40.476 ng
RT: 6.840 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

Tgt Ion:146 Resp: 369527
Ion Ratio Lower Upper
146 100
148 63.7 50.6 75.8
75 28.1 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 40.357 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142531.D

Acq: 23 May 2025 13:12

Instrument :

BNA_F

ClientSampleId :

TP-45MS

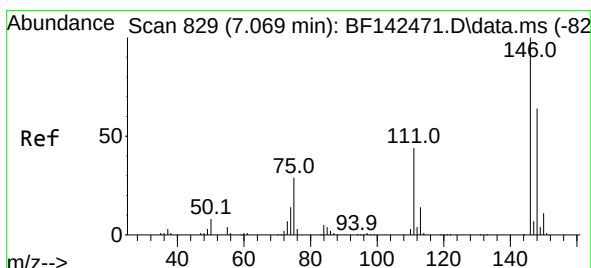
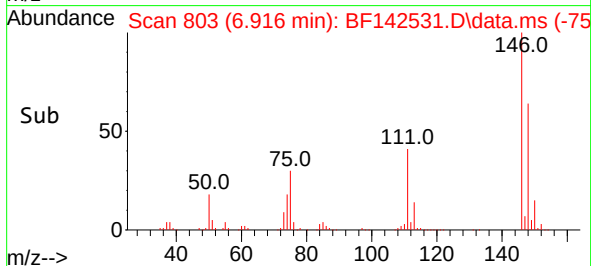
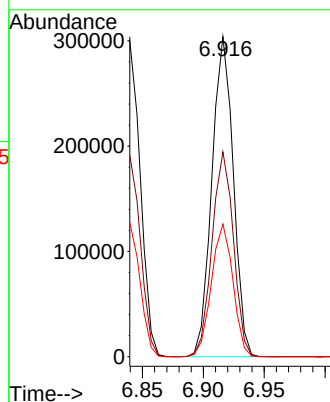
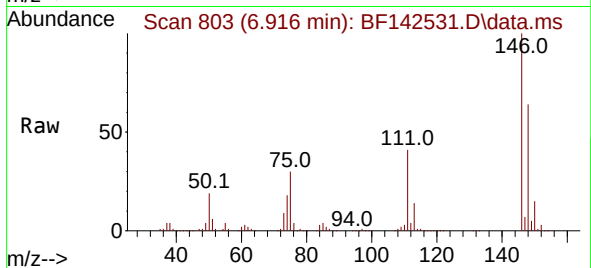
Tgt Ion:146 Resp: 371139

Ion Ratio Lower Upper

146 100

148 64.0 50.4 75.6

111 41.5 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 40.836 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142531.D

Acq: 23 May 2025 13:12

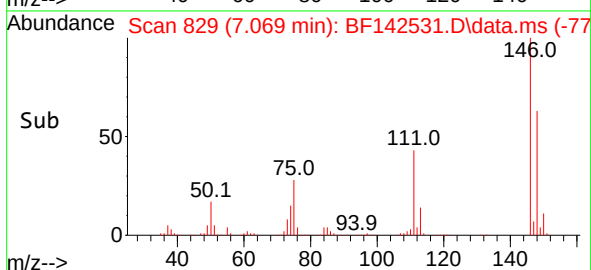
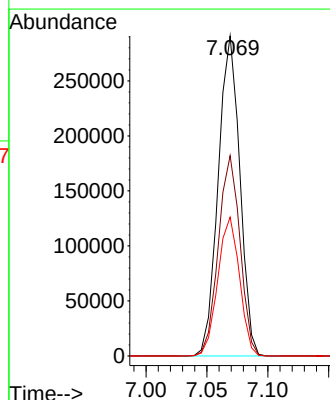
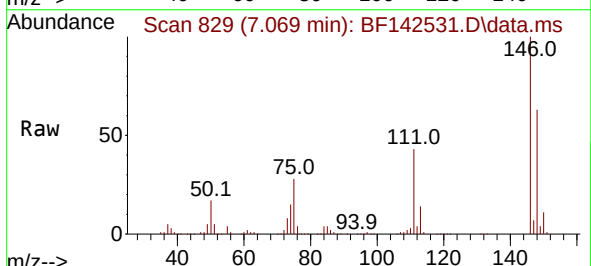
Tgt Ion:146 Resp: 359344

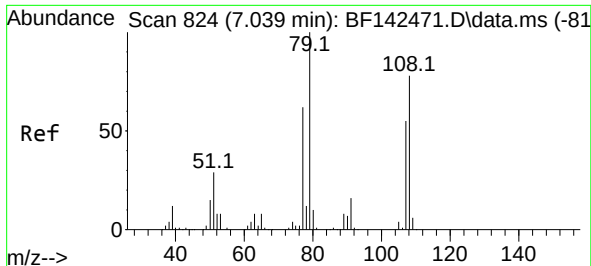
Ion Ratio Lower Upper

146 100

148 62.6 51.0 76.4

111 43.4 35.0 52.6

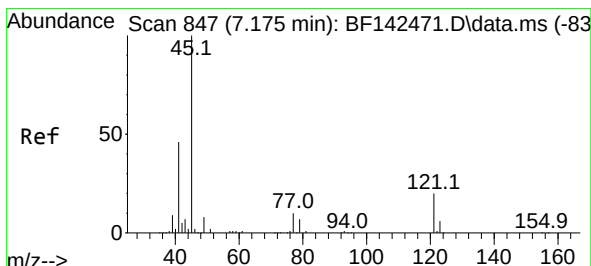
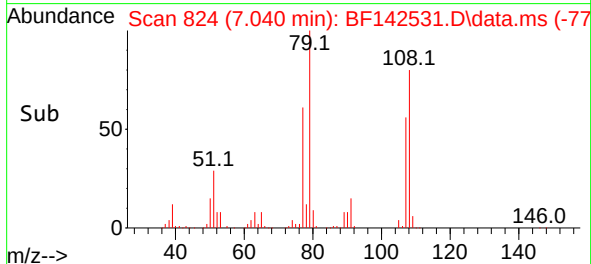
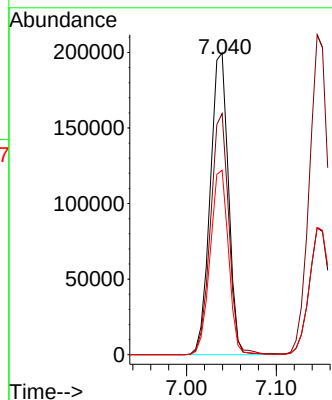
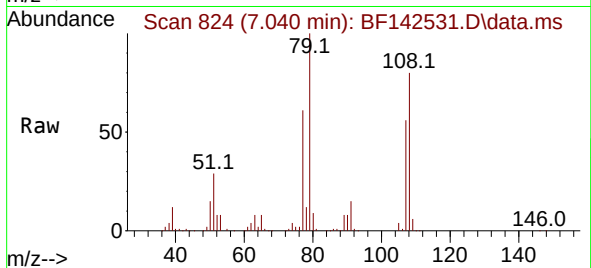




#15
Benzyl Alcohol
Concen: 42.153 ng
RT: 7.040 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

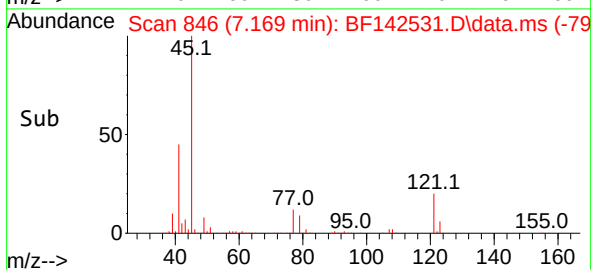
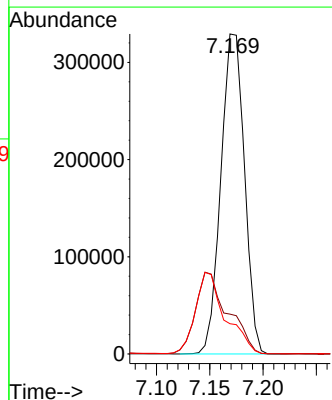
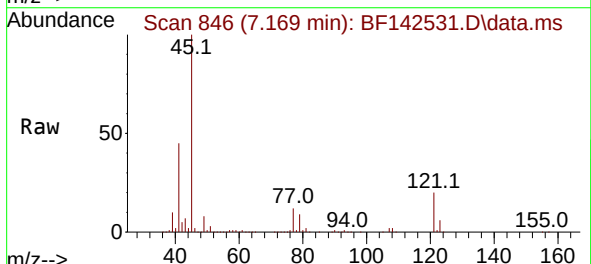
Instrument :
BNA_F
ClientSampleId :
TP-45MS

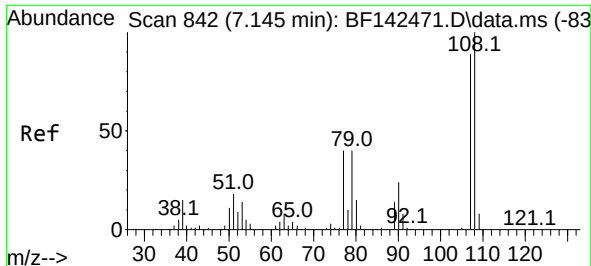
Tgt Ion: 79 Resp: 281673
Ion Ratio Lower Upper
79 100
108 79.9 62.1 93.1
77 61.1 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.211 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

Tgt Ion: 45 Resp: 506866
Ion Ratio Lower Upper
45 100
77 12.5 0.0 32.0
79 9.5 0.0 29.2

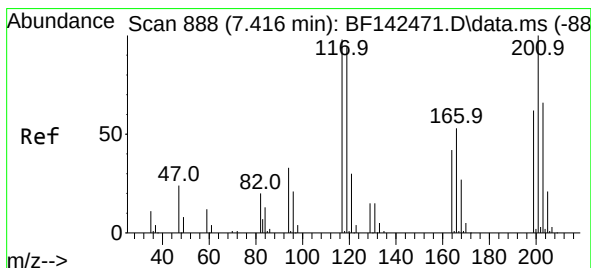
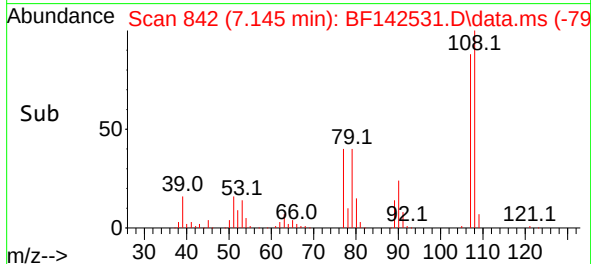
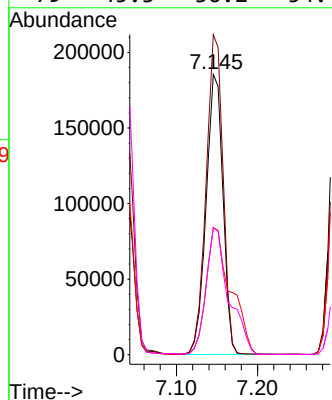
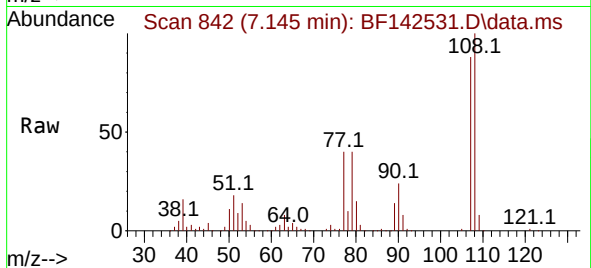




#17
2-Methylphenol
Concen: 41.734 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

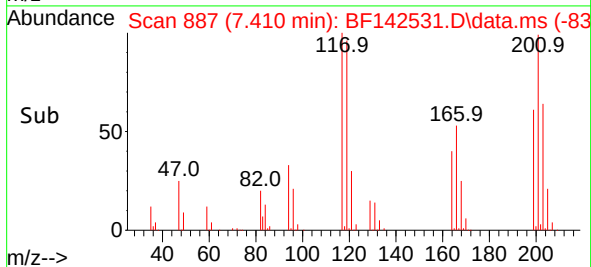
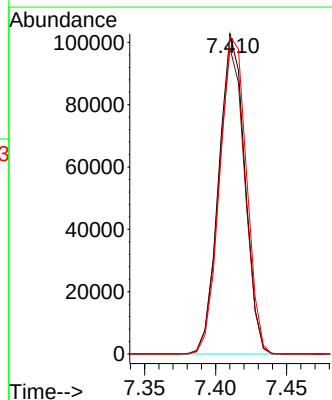
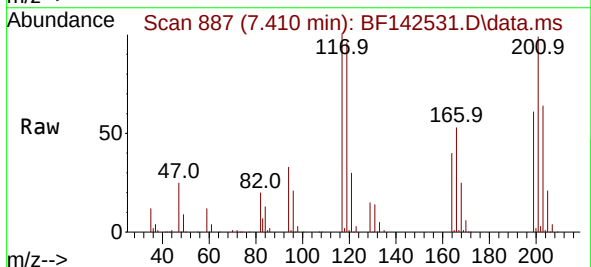
Instrument :
BNA_F
ClientSampleId :
TP-45MS

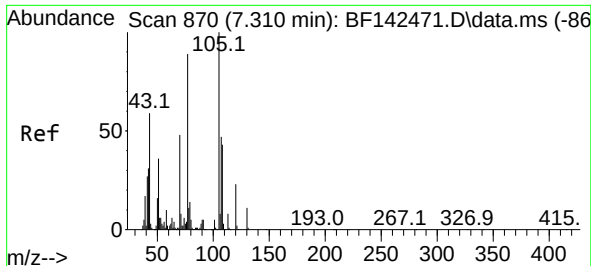
Tgt Ion:107 Resp: 266587
Ion Ratio Lower Upper
107 100
108 114.1 90.2 135.2
77 45.4 36.1 54.1
79 45.3 36.2 54.4



#18
Hexachloroethane
Concen: 40.660 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

Tgt Ion:117 Resp: 130566
Ion Ratio Lower Upper
117 100
119 95.6 76.6 114.8
201 99.4 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 40.413 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.017 min

Lab File: BF142531.D

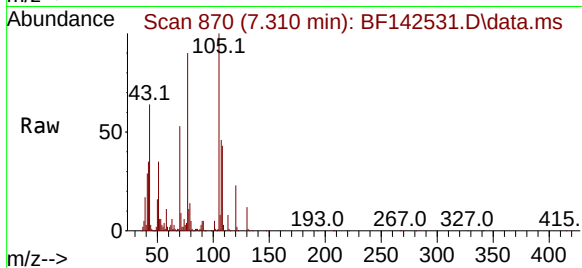
Acq: 23 May 2025 13:12

Instrument :

BNA_F

ClientSampleId :

TP-45MS



Tgt Ion: 70 Resp: 226470

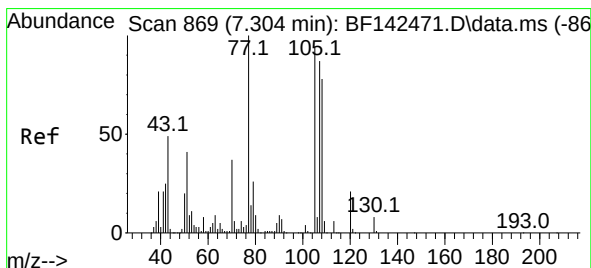
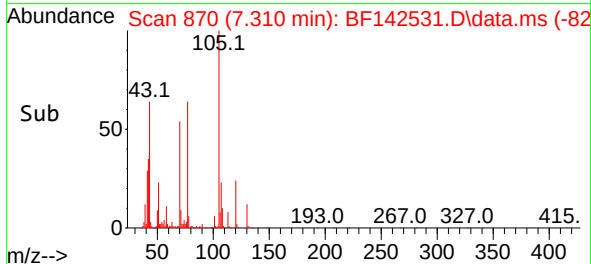
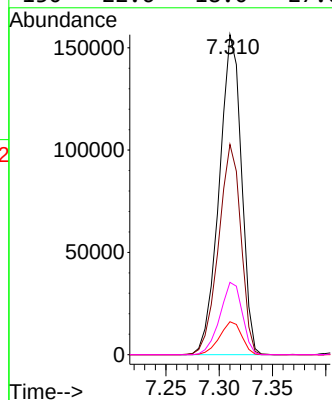
Ion Ratio Lower Upper

70 100

42 65.7 52.4 78.6

101 10.3 7.8 11.8

130 22.6 18.0 27.0



#20

3+4-Methylphenols

Concen: 40.166 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.012 min

Lab File: BF142531.D

Acq: 23 May 2025 13:12

Tgt Ion: 107 Resp: 328561

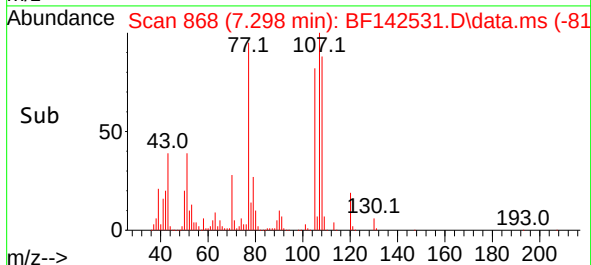
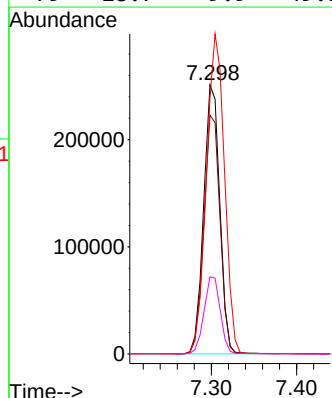
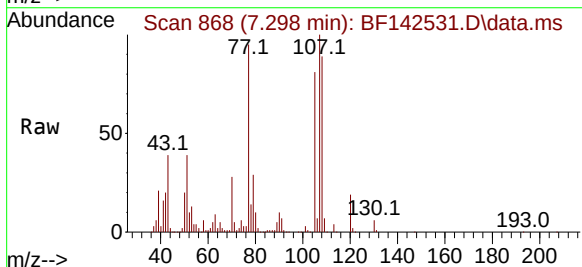
Ion Ratio Lower Upper

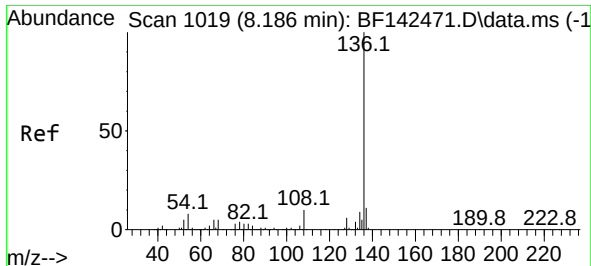
107 100

108 88.7 70.4 110.4

77 94.9 95.4 135.4#

79 28.7 9.9 49.9

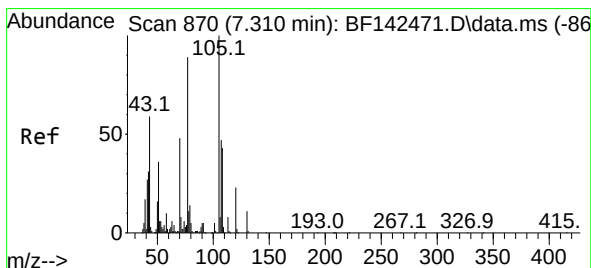
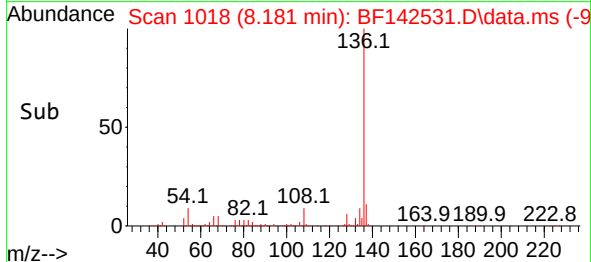
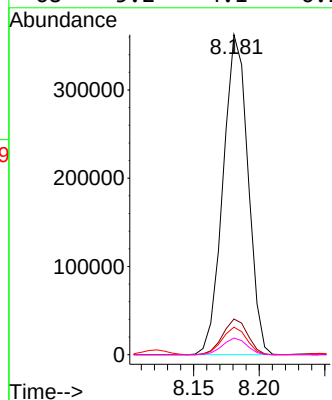
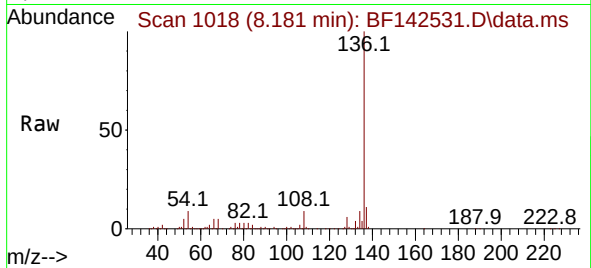




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

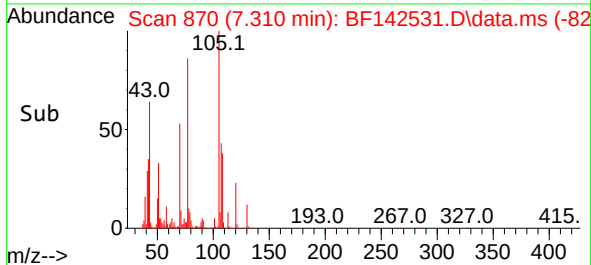
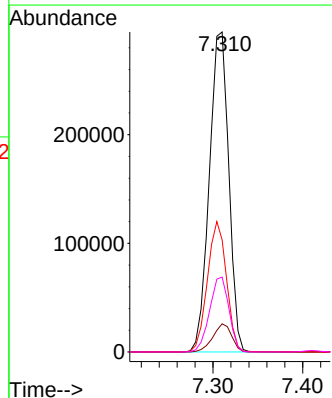
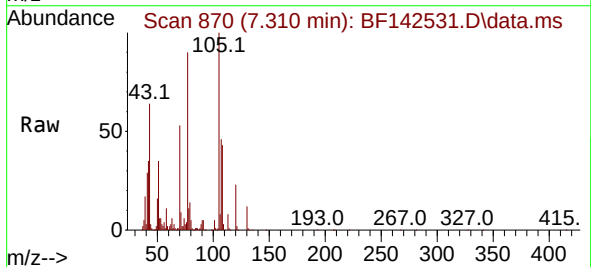
Instrument :
BNA_F
ClientSampleId :
TP-45MS

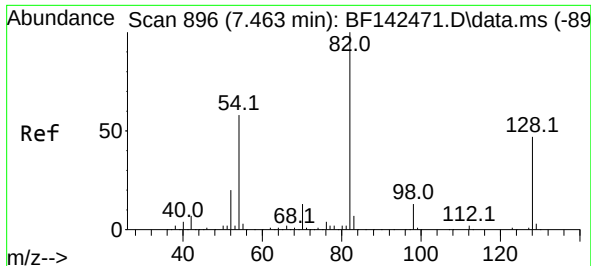
Tgt Ion:136 Resp: 479831
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.6 6.6 10.0
68 5.2 4.1 6.1



#22
Acetophenone
Concen: 41.689 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

Tgt Ion:105 Resp: 442818
Ion Ratio Lower Upper
105 100
71 8.8 6.4 9.6
51 35.0 28.6 42.8
120 23.4 18.5 27.7





#23

Nitrobenzene-d5

Concen: 60.224 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142531.D

Acq: 23 May 2025 13:12

Instrument :

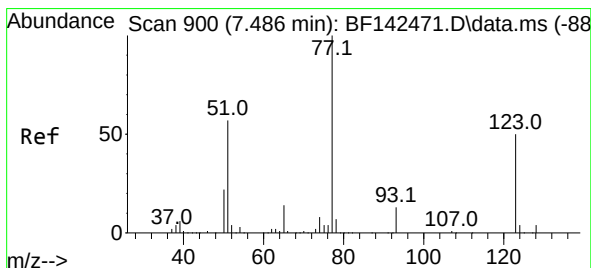
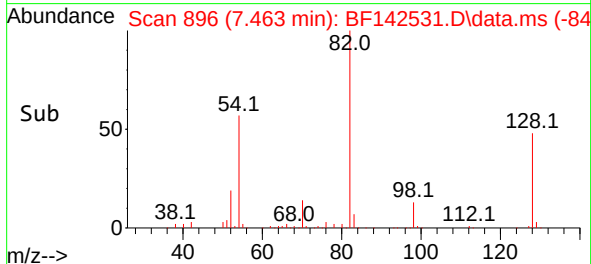
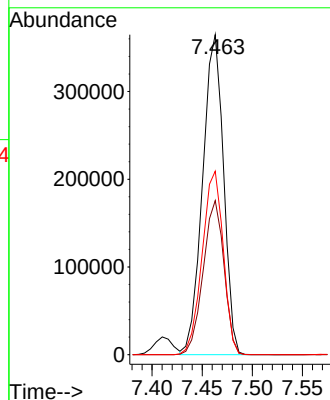
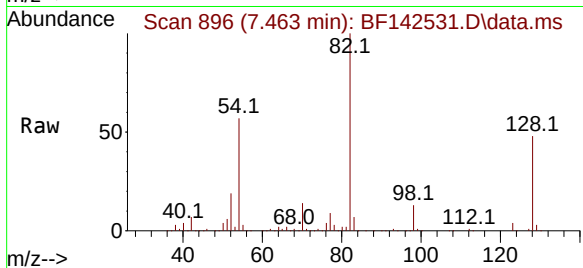
BNA_F

ClientSampleId :

TP-45MS

Tgt Ion: 82 Resp: 529950

Ion	Ratio	Lower	Upper
82	100		
128	48.2	37.4	56.2
54	57.3	46.6	70.0



#24

Nitrobenzene

Concen: 42.645 ng

RT: 7.481 min Scan# 899

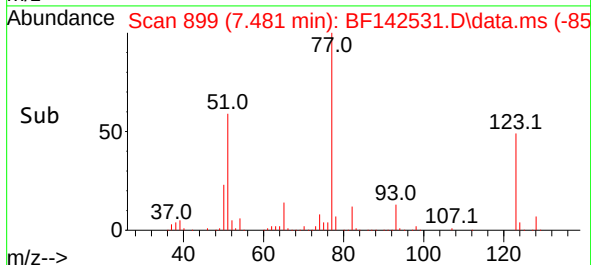
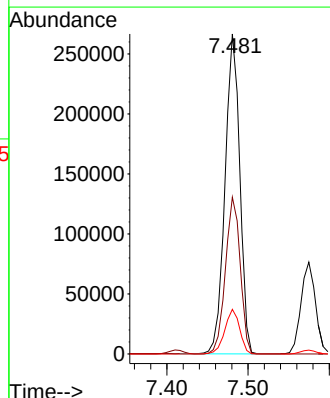
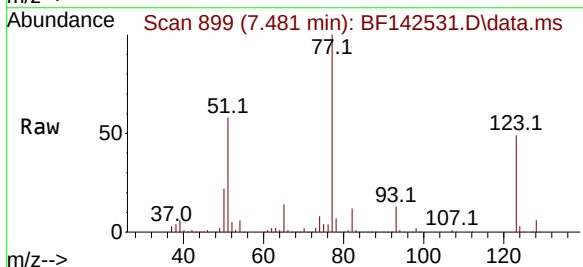
Delta R.T. -0.012 min

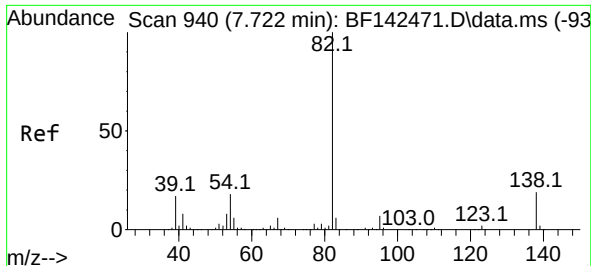
Lab File: BF142531.D

Acq: 23 May 2025 13:12

Tgt Ion: 77 Resp: 338446

Ion	Ratio	Lower	Upper
77	100		
123	49.0	40.6	61.0
65	13.9	11.4	17.2

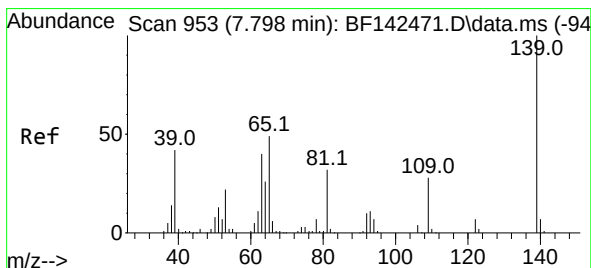
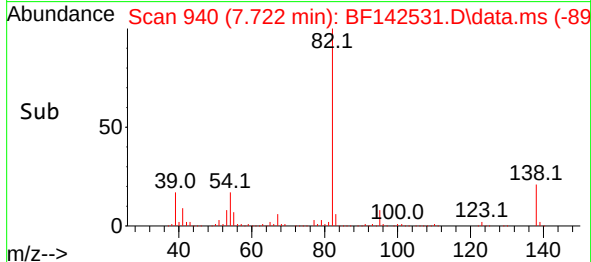
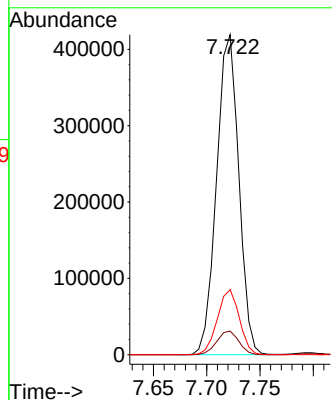
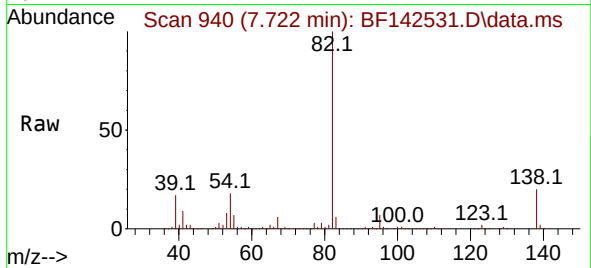




#25
Isophorone
Concen: 41.297 ng
RT: 7.722 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

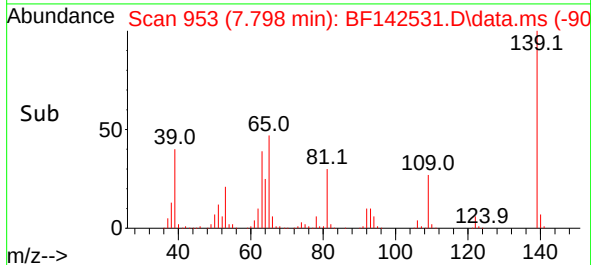
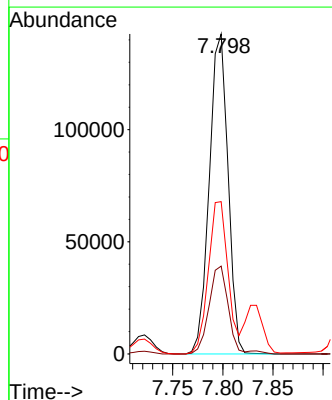
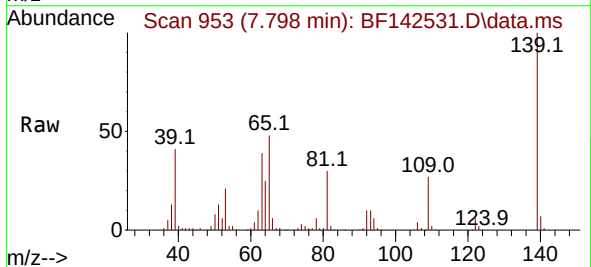
Instrument :
BNA_F
ClientSampleId :
TP-45MS

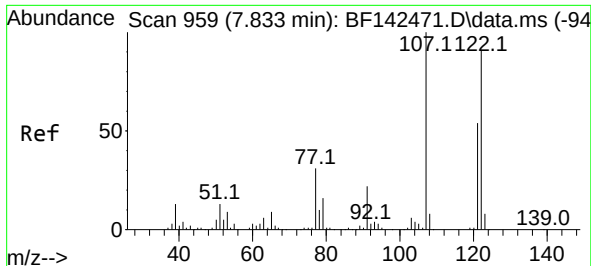
Tgt Ion: 82 Resp: 607573
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 20.3 15.5 23.3



#26
2-Nitrophenol
Concen: 43.771 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

Tgt Ion:139 Resp: 185622
Ion Ratio Lower Upper
139 100
109 27.4 22.6 33.8
65 47.6 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 42.605 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142531.D

Acq: 23 May 2025 13:12

Instrument :

BNA_F

ClientSampleId :

TP-45MS

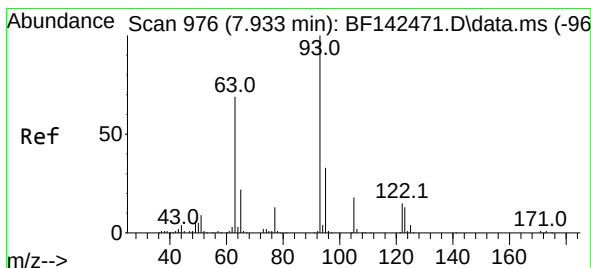
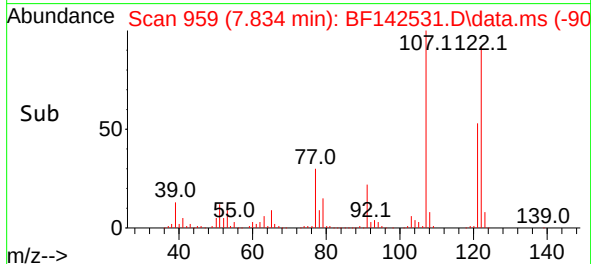
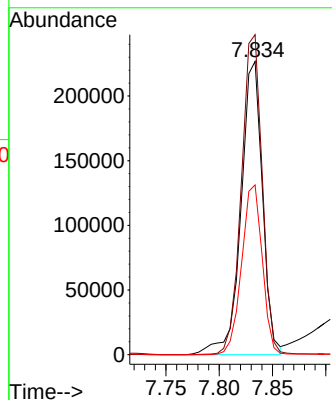
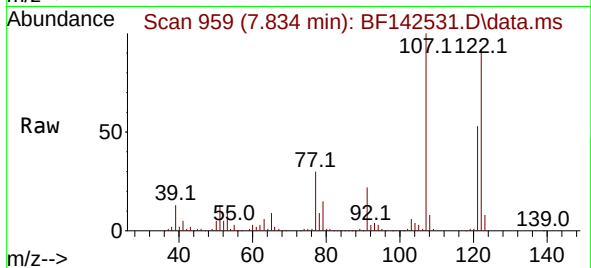
Tgt Ion:122 Resp: 318621

Ion Ratio Lower Upper

122 100

107 109.1 88.1 132.1

121 57.9 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 41.343 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142531.D

Acq: 23 May 2025 13:12

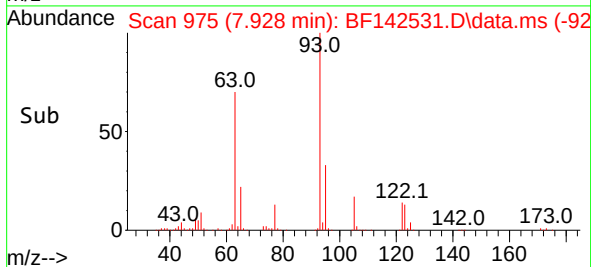
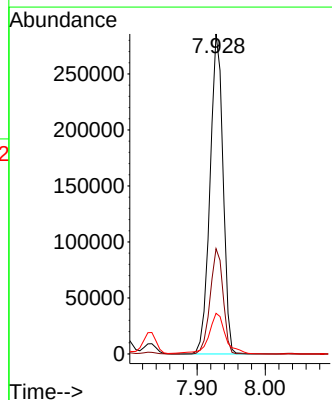
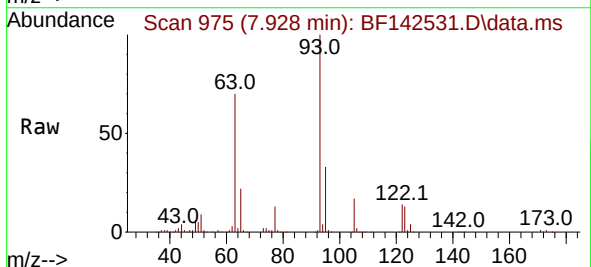
Tgt Ion: 93 Resp: 379961

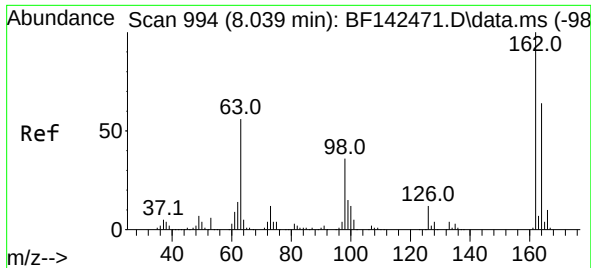
Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

123 12.7 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 42.075 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142531.D

Acq: 23 May 2025 13:12

Instrument :

BNA_F

ClientSampleId :

TP-45MS

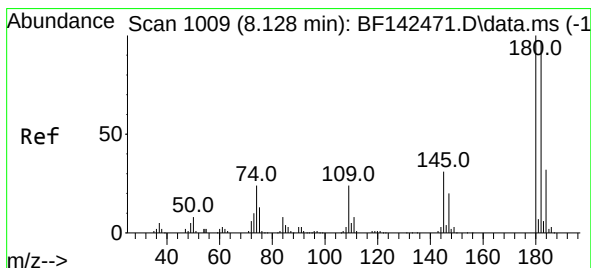
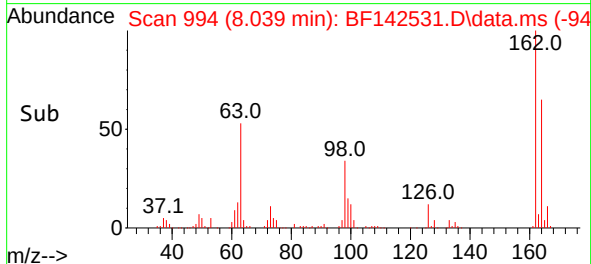
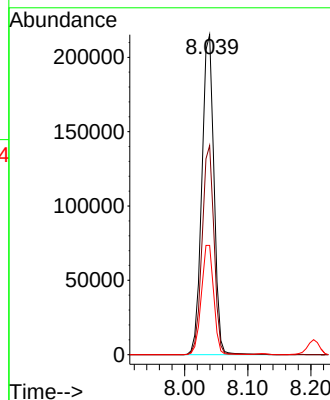
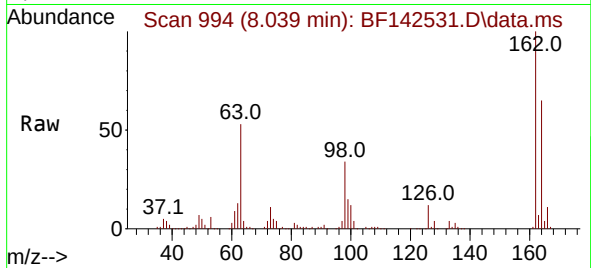
Tgt Ion:162 Resp: 286157

Ion Ratio Lower Upper

162 100

164 65.4 43.7 83.7

98 34.2 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 41.672 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142531.D

Acq: 23 May 2025 13:12

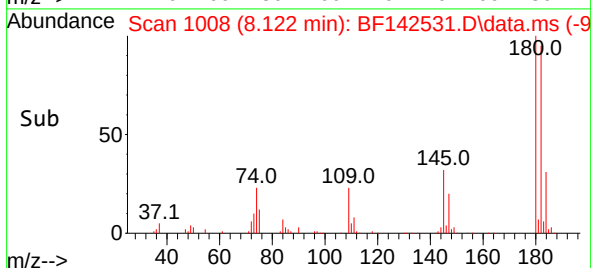
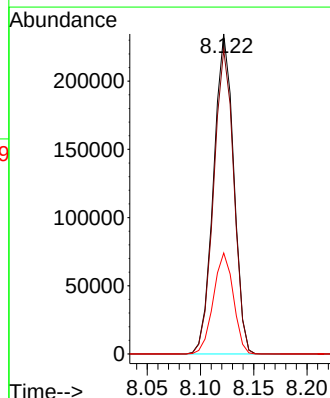
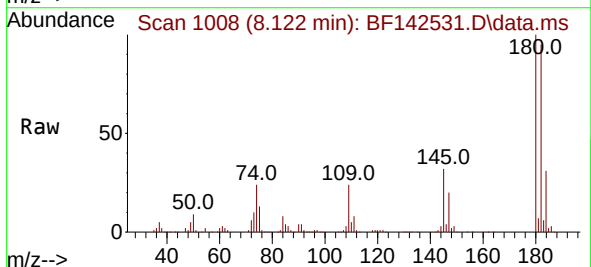
Tgt Ion:180 Resp: 307585

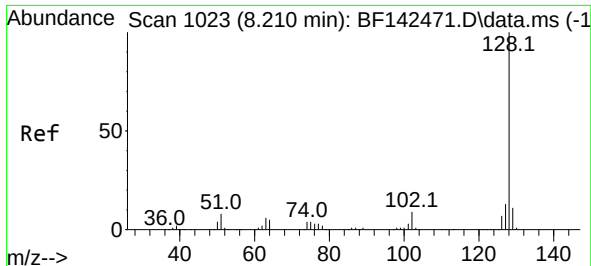
Ion Ratio Lower Upper

180 100

182 95.1 78.0 117.0

145 31.6 25.0 37.6

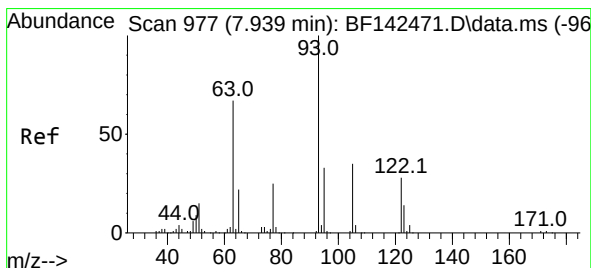
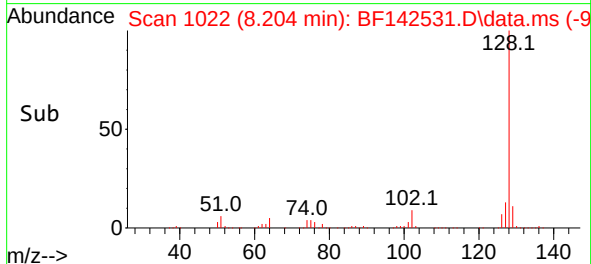
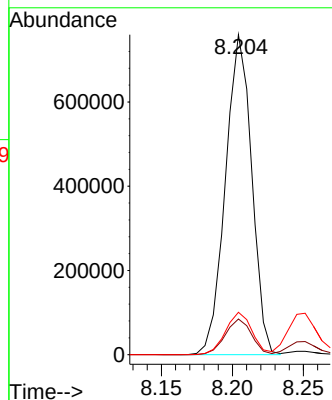
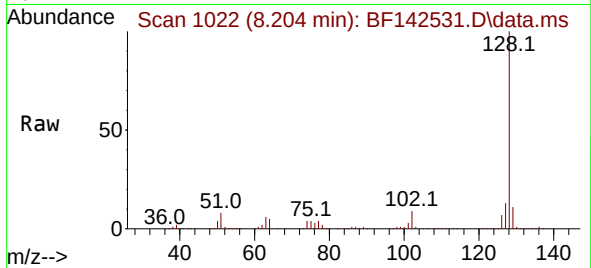




#31
Naphthalene
Concen: 41.323 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

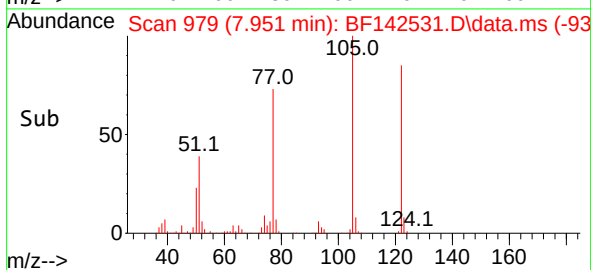
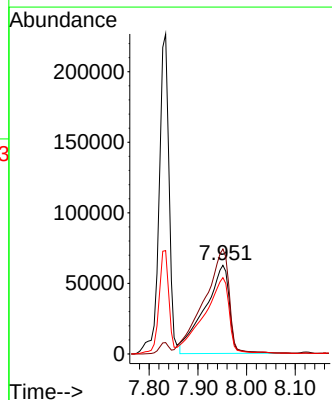
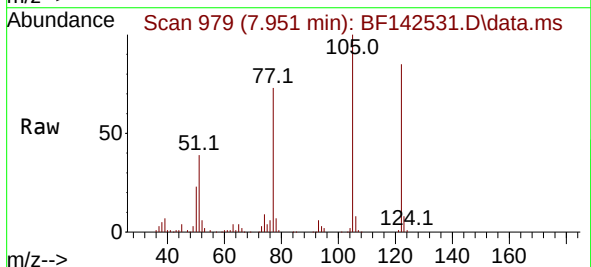
Instrument :
BNA_F
ClientSampleId :
TP-45MS

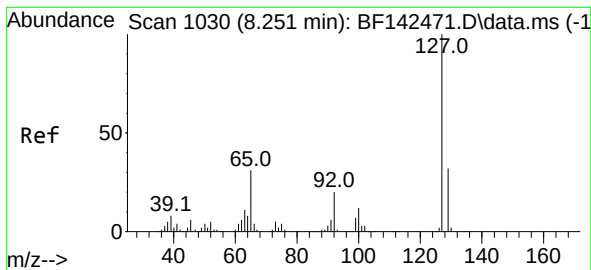
Tgt Ion:128 Resp: 976314
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 48.473 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.024 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

Tgt Ion:122 Resp: 220667
Ion Ratio Lower Upper
122 100
105 118.3 101.7 141.7
77 86.1 69.5 109.5





#33

4-Chloroaniline

Concen: 16.317 ng

RT: 8.251 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF142531.D

Acq: 23 May 2025 13:12

Instrument :

BNA_F

ClientSampleId :

TP-45MS

Tgt Ion:127 Resp: 156215

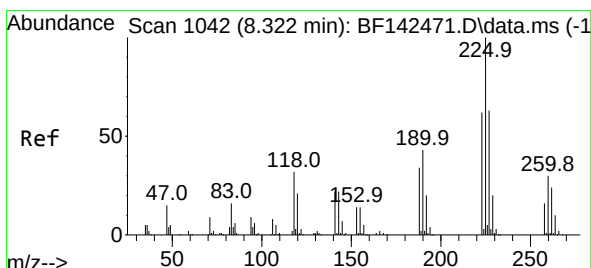
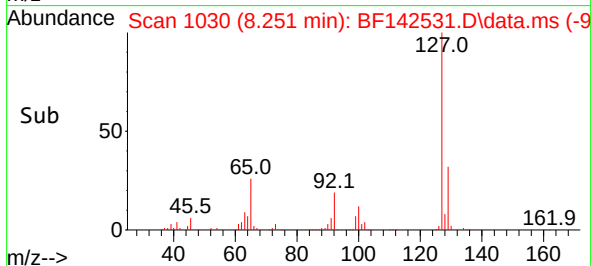
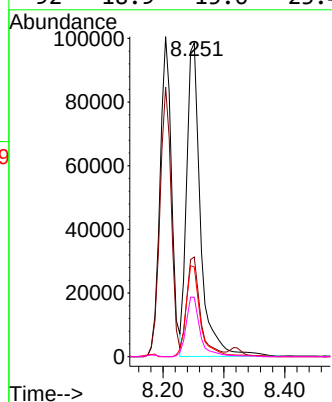
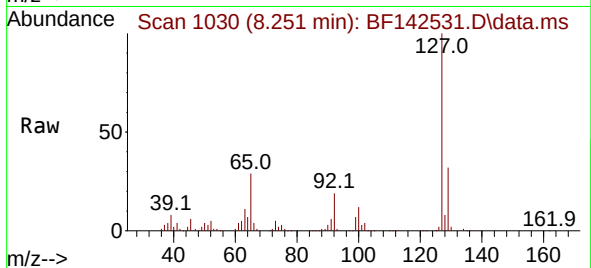
Ion Ratio Lower Upper

127 100

129 31.7 26.1 39.1

65 28.6 24.9 37.3

92 18.9 15.6 23.4



#34

Hexachlorobutadiene

Concen: 41.027 ng

RT: 8.322 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF142531.D

Acq: 23 May 2025 13:12

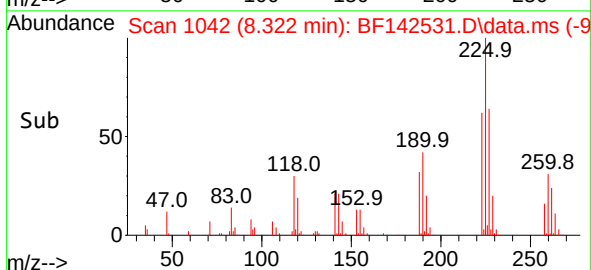
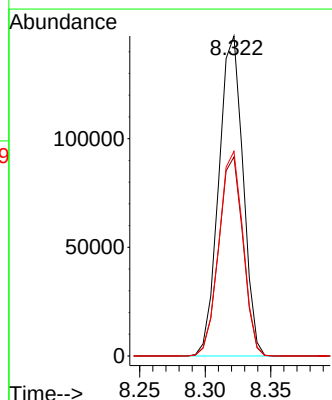
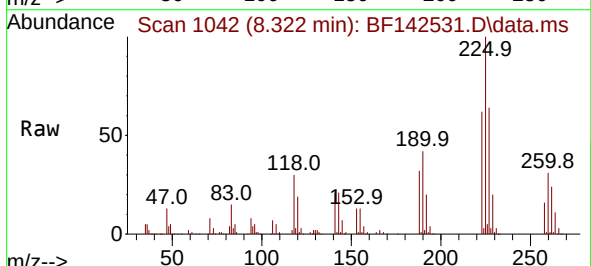
Tgt Ion:225 Resp: 189081

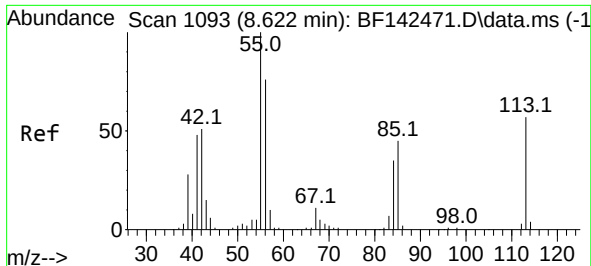
Ion Ratio Lower Upper

225 100

223 62.2 49.7 74.5

227 63.9 50.3 75.5

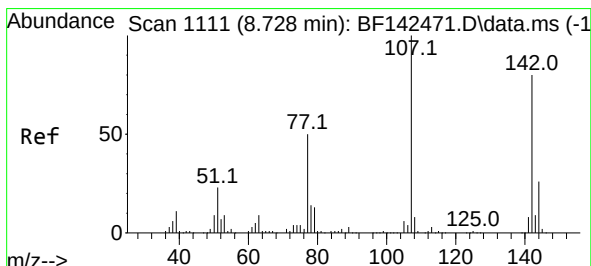
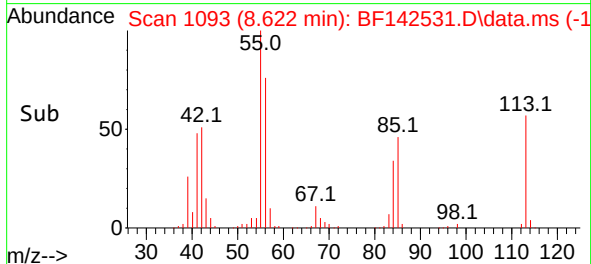
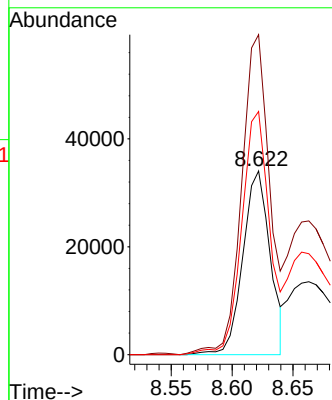
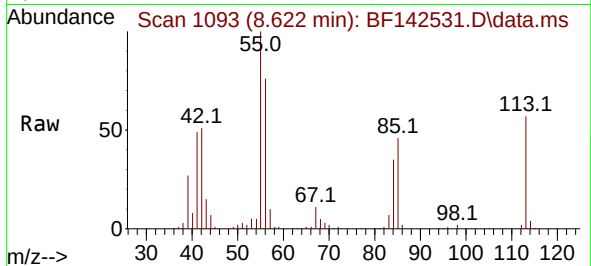




#35
 Caprolactam
 Concen: 27.820 ng
 RT: 8.622 min Scan# 1093
 Delta R.T. -0.023 min
 Lab File: BF142531.D
 Acq: 23 May 2025 13:12

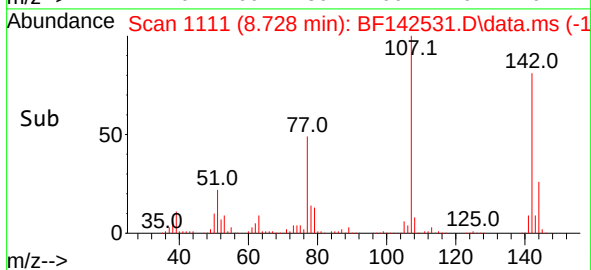
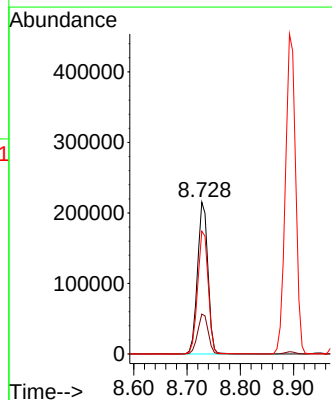
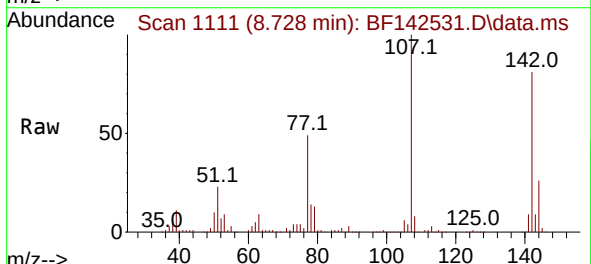
Instrument :
 BNA_F
 ClientSampleId :
 TP-45MS

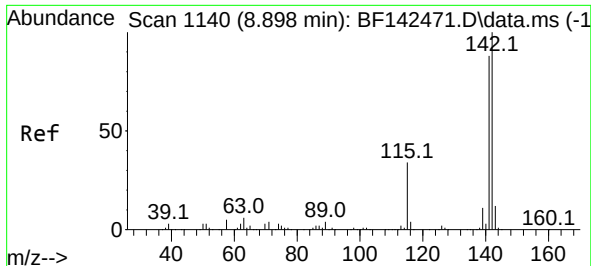
Tgt Ion:113 Resp: 53140
 Ion Ratio Lower Upper
 113 100
 55 174.3 154.7 194.7
 56 132.4 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 41.949 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF142531.D
 Acq: 23 May 2025 13:12

Tgt Ion:107 Resp: 292388
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.9 31.3
 142 80.8 64.2 96.2





#37

2-Methylnaphthalene

Concen: 40.398 ng

RT: 8.892 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF142531.D

Acq: 23 May 2025 13:12

Instrument :

BNA_F

ClientSampleId :

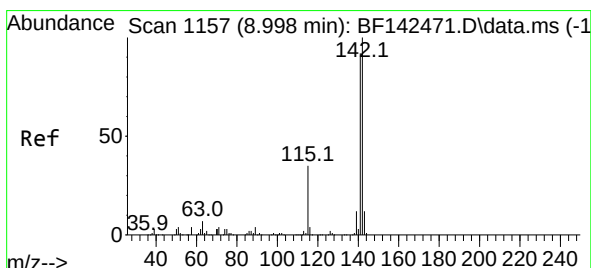
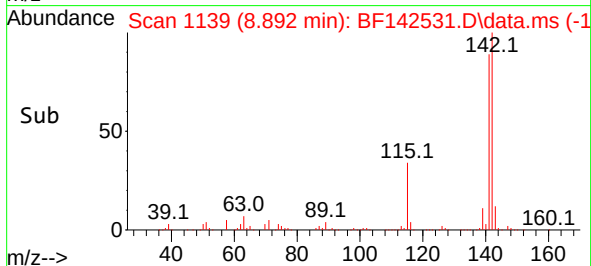
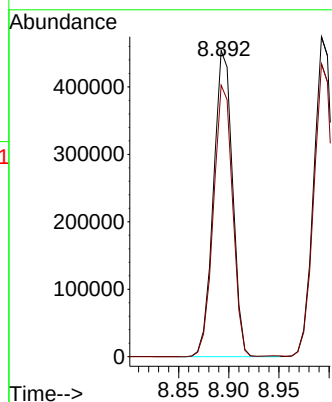
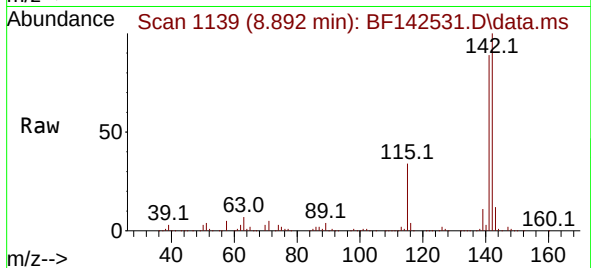
TP-45MS

Tgt Ion:142 Resp: 600475

Ion Ratio Lower Upper

142 100

141 88.7 70.7 106.1



#38

1-Methylnaphthalene

Concen: 40.448 ng

RT: 8.992 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF142531.D

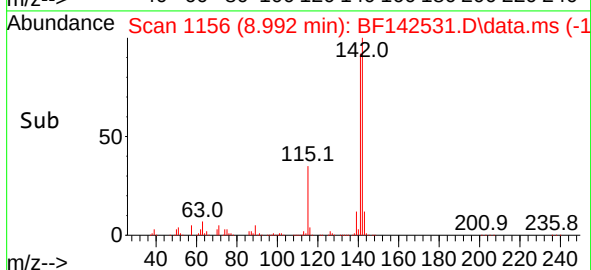
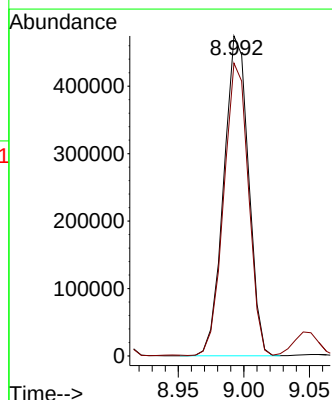
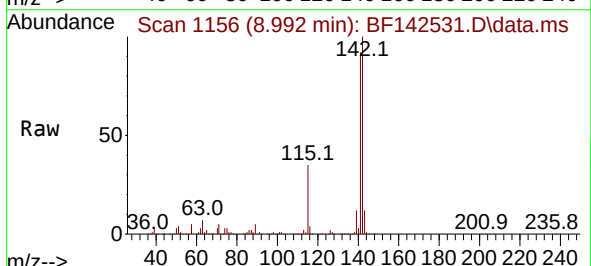
Acq: 23 May 2025 13:12

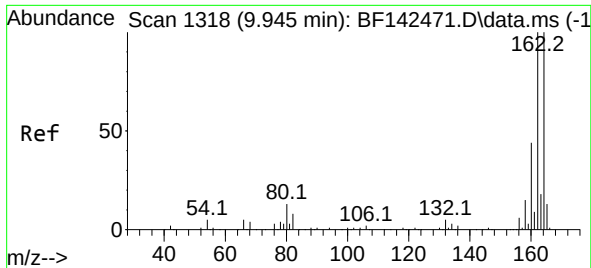
Tgt Ion:142 Resp: 621886

Ion Ratio Lower Upper

142 100

141 91.5 73.4 110.2

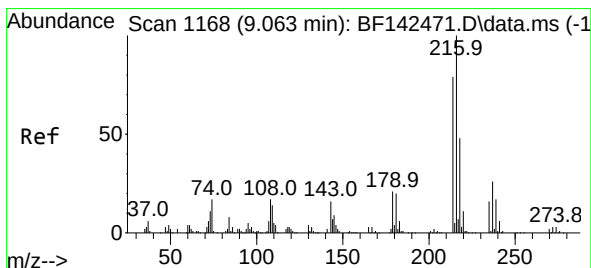
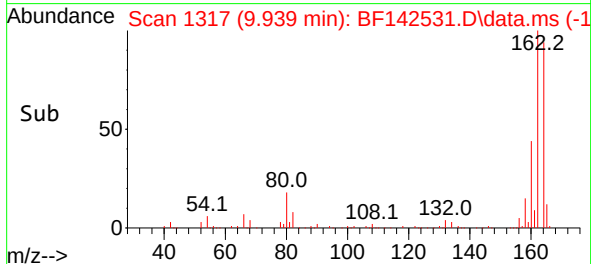
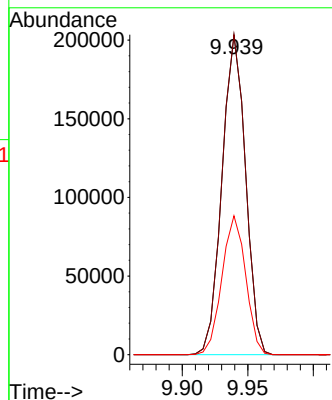
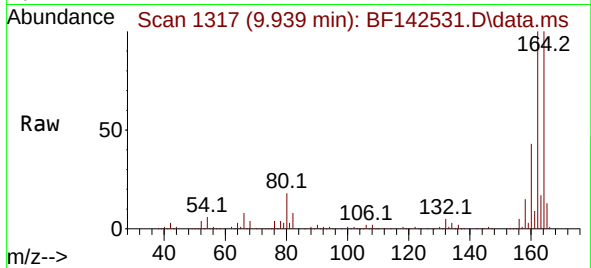




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

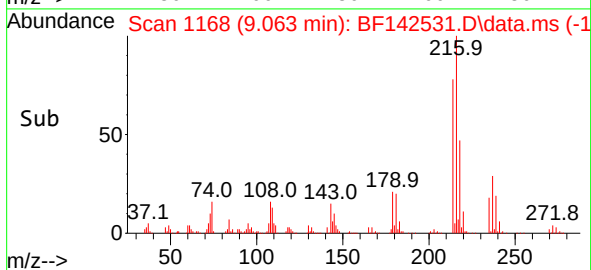
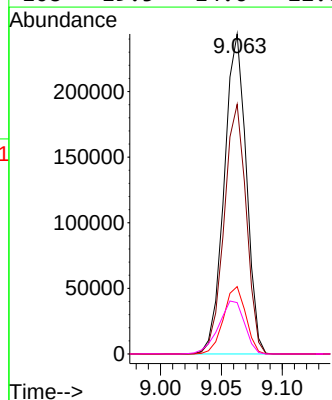
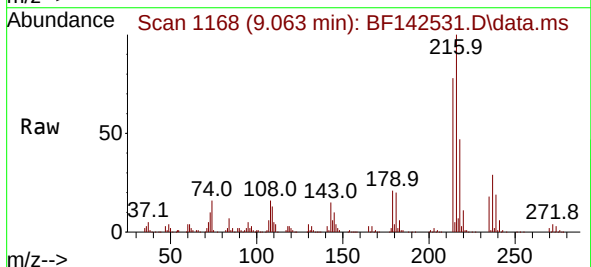
Instrument :
BNA_F
ClientSampleId :
TP-45MS

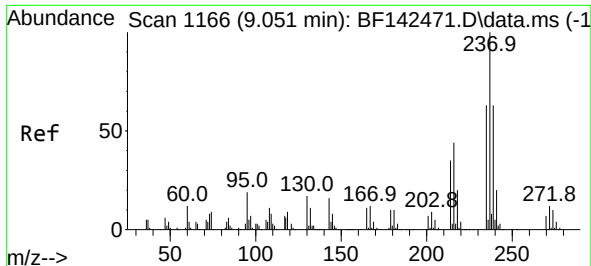
Tgt Ion:164 Resp: 253217
Ion Ratio Lower Upper
164 100
162 100.2 80.2 120.4
160 43.5 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.278 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

Tgt Ion:216 Resp: 307313
Ion Ratio Lower Upper
216 100
214 77.9 62.9 94.3
179 21.2 16.9 25.3
108 19.5 14.6 22.0

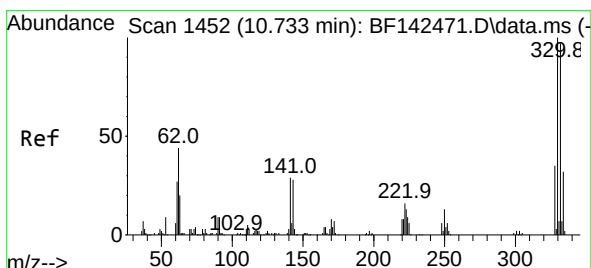
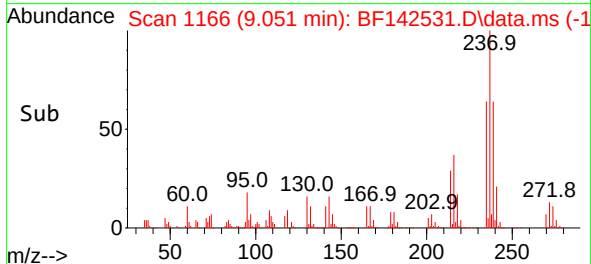
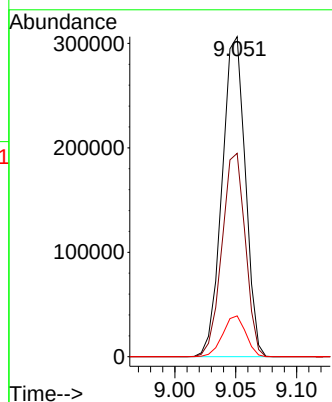
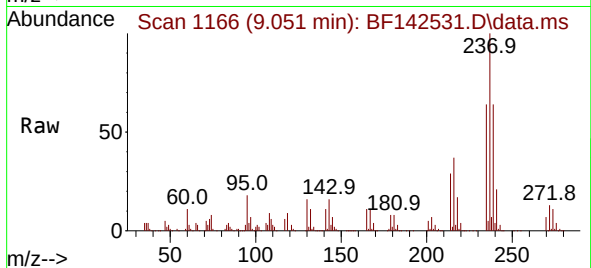




#41
Hexachlorocyclopentadiene
Concen: 83.063 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

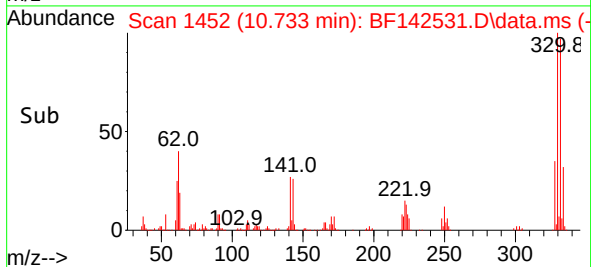
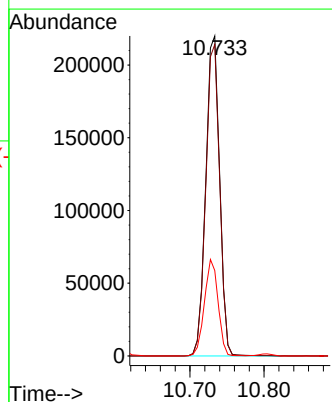
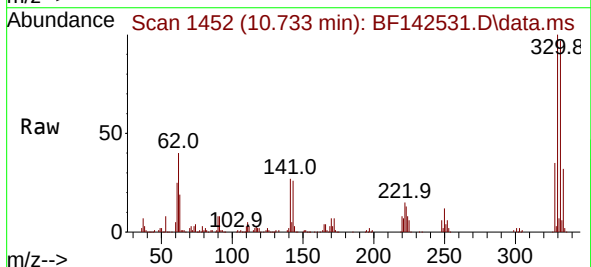
Instrument :
BNA_F
ClientSampleId :
TP-45MS

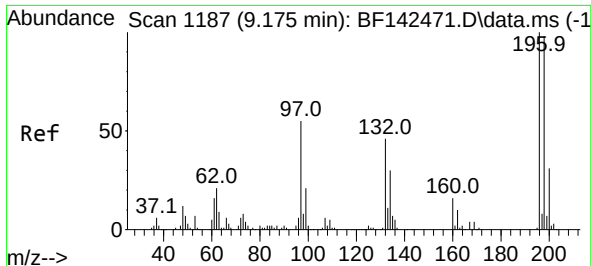
Tgt Ion:237 Resp: 407295
Ion Ratio Lower Upper
237 100
235 63.5 43.3 83.3
272 12.8 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 101.971 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

Tgt Ion:330 Resp: 286579
Ion Ratio Lower Upper
330 100
332 97.3 77.6 116.4
141 29.7 24.6 36.8

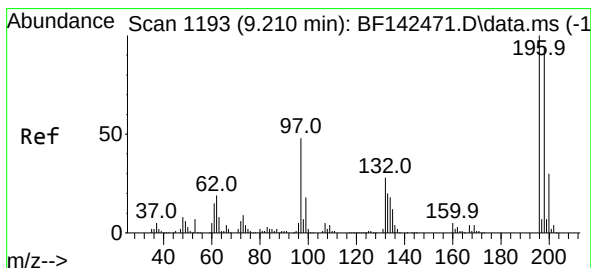
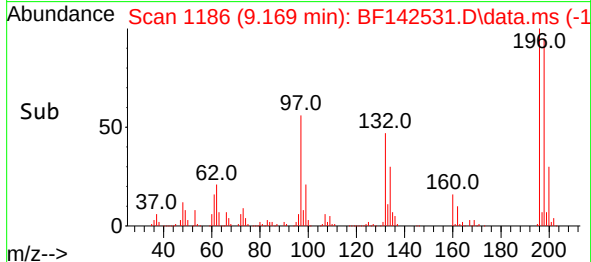
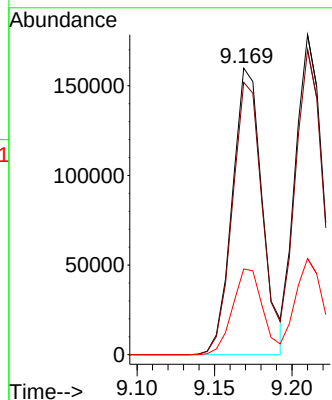
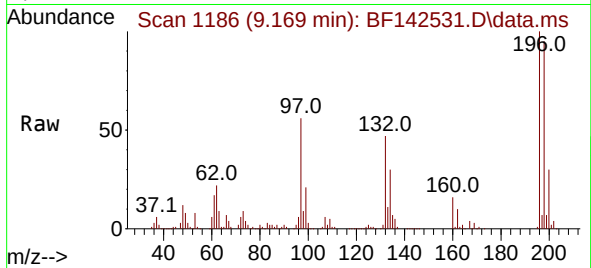




#43
2,4,6-Trichlorophenol
Concen: 43.774 ng
RT: 9.169 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

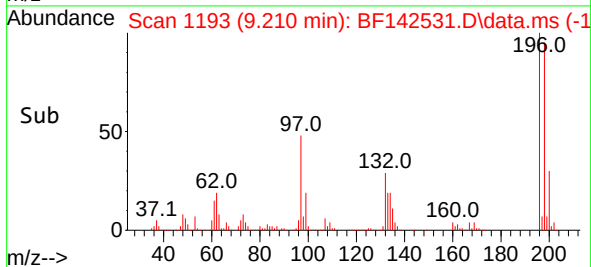
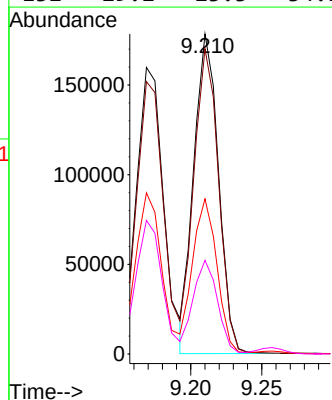
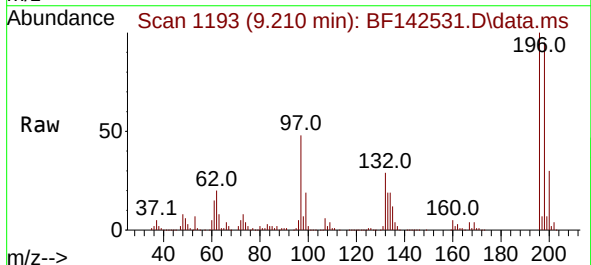
Instrument :
BNA_F
ClientSampleId :
TP-45MS

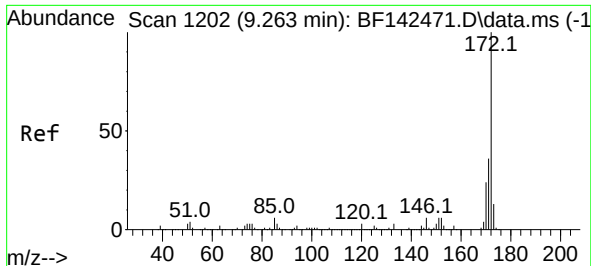
Tgt Ion:196 Resp: 214558
Ion Ratio Lower Upper
196 100
198 95.0 78.8 118.2
200 29.9 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 41.778 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

Tgt Ion:196 Resp: 215965
Ion Ratio Lower Upper
196 100
198 95.4 75.5 113.3
97 48.5 39.3 58.9
132 29.2 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 57.328 ng

RT: 9.257 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142531.D

Acq: 23 May 2025 13:12

Instrument :

BNA_F

ClientSampleId :

TP-45MS

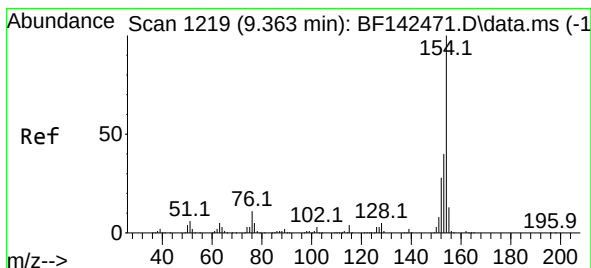
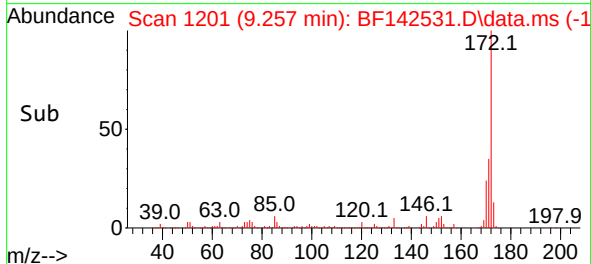
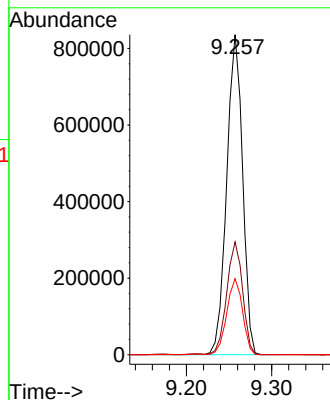
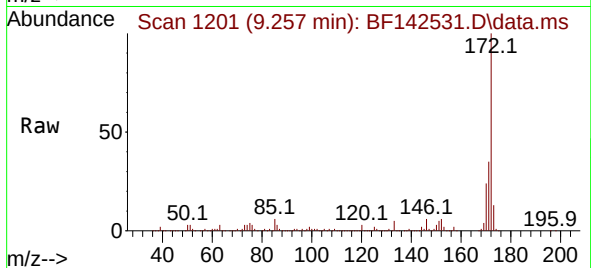
Tgt Ion:172 Resp: 1081815

Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 23.7 18.9 28.3



#46

1,1'-Biphenyl

Concen: 41.876 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF142531.D

Acq: 23 May 2025 13:12

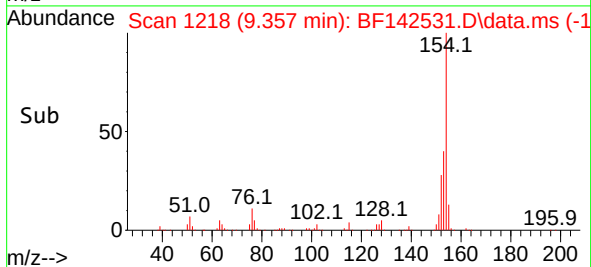
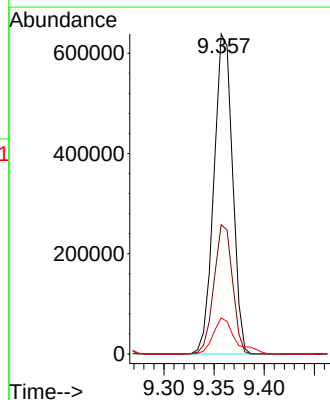
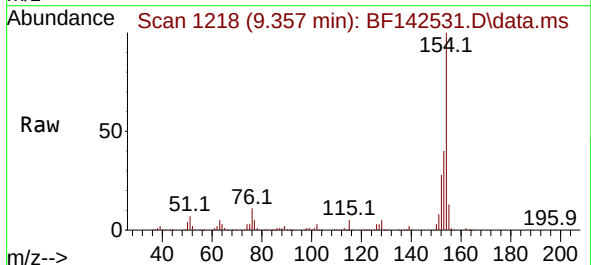
Tgt Ion:154 Resp: 822660

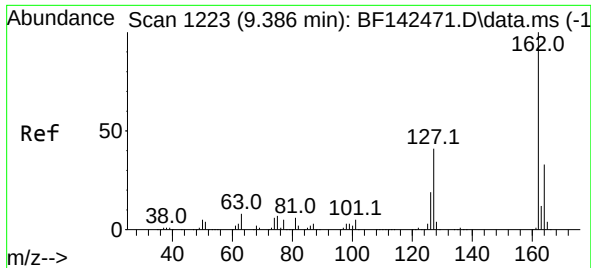
Ion Ratio Lower Upper

154 100

153 40.4 20.4 60.4

76 11.3 0.0 30.8

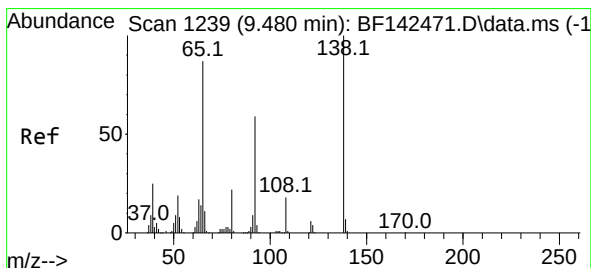
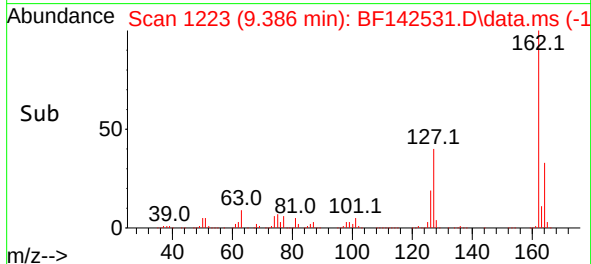
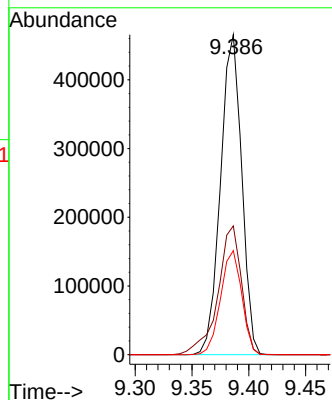
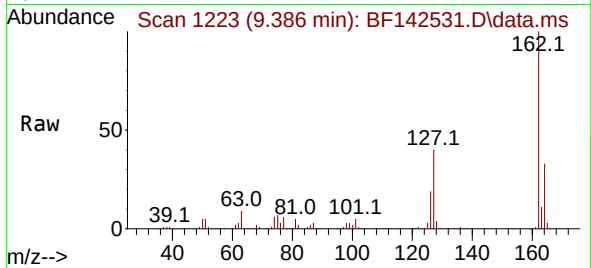




#47
2-Chloronaphthalene
Concen: 41.643 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

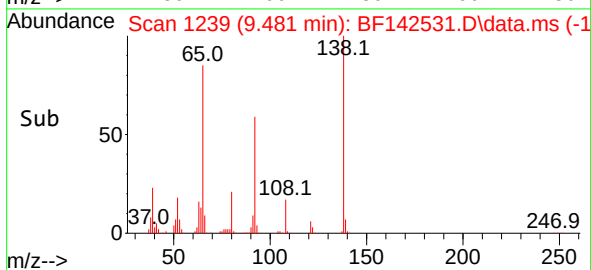
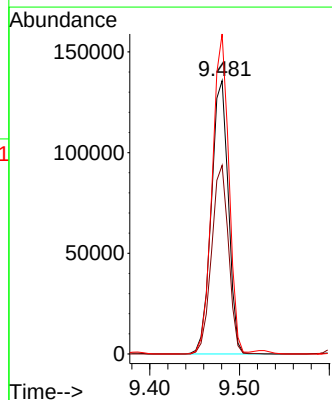
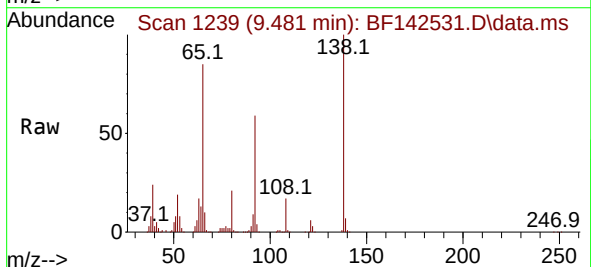
Instrument :
BNA_F
ClientSampleId :
TP-45MS

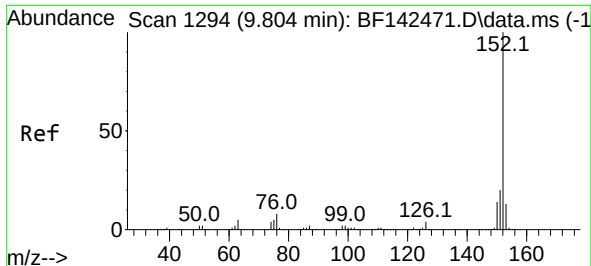
Tgt Ion:162 Resp: 604422
Ion Ratio Lower Upper
162 100
127 40.3 33.5 50.3
164 32.5 26.1 39.1



#48
2-Nitroaniline
Concen: 42.603 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.005 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

Tgt Ion: 65 Resp: 178733
Ion Ratio Lower Upper
65 100
92 69.0 54.4 81.6
138 117.1 91.4 137.2

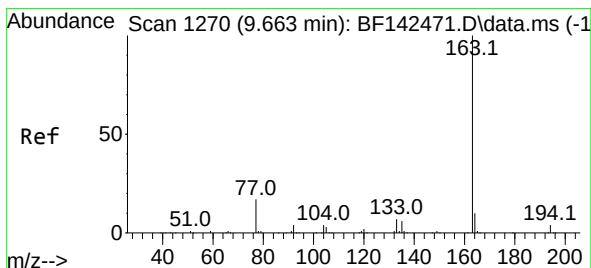
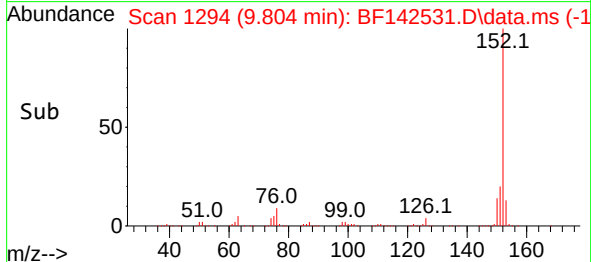
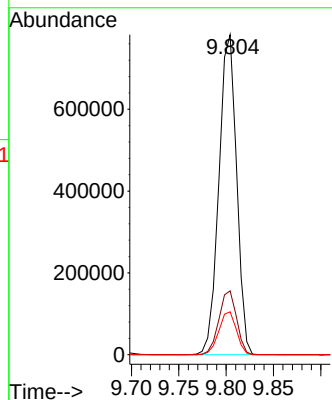
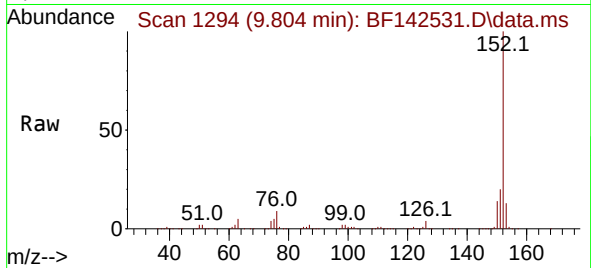




#49
Acenaphthylene
Concen: 41.523 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

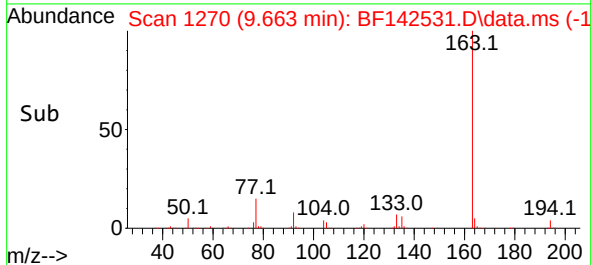
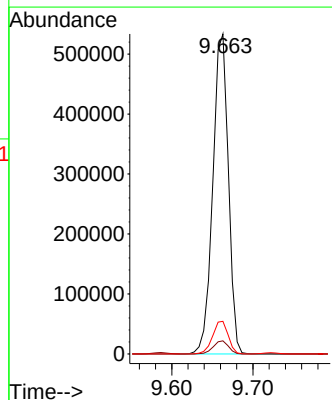
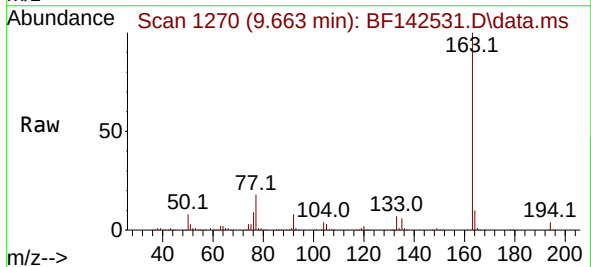
Instrument :
BNA_F
ClientSampleId :
TP-45MS

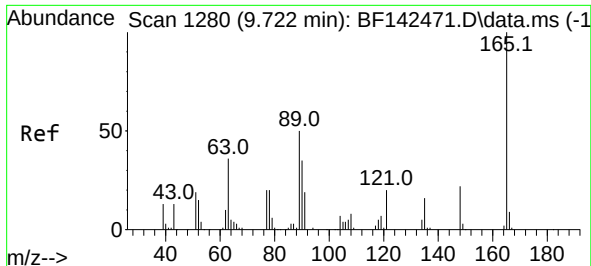
Tgt Ion:152 Resp: 1017688
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.4 10.6 15.8



#50
Dimethylphthalate
Concen: 42.427 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

Tgt Ion:163 Resp: 708873
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.2 12.4

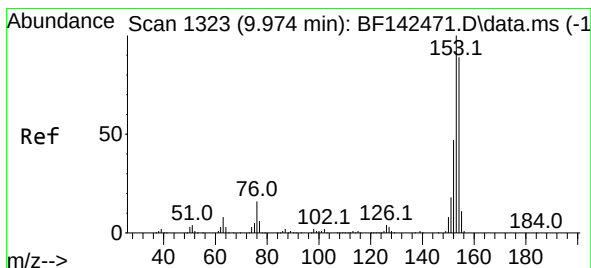
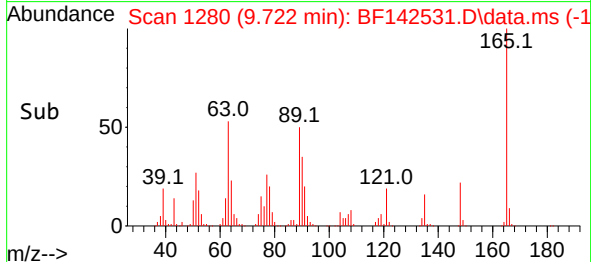
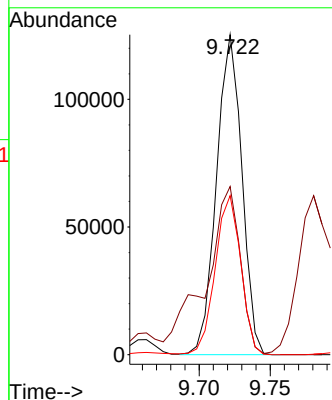
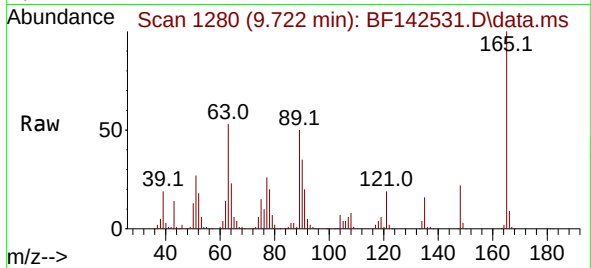




#51
2,6-Dinitrotoluene
Concen: 43.158 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

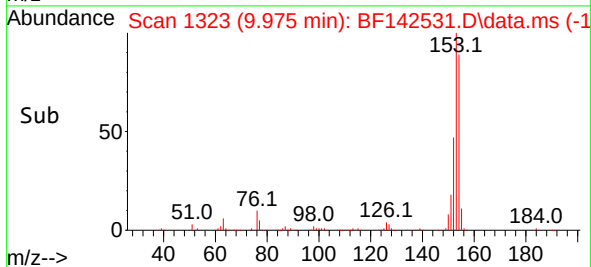
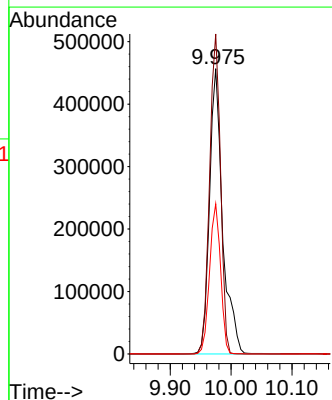
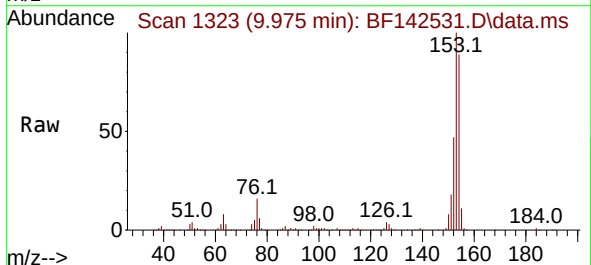
Instrument :
BNA_F
ClientSampleId :
TP-45MS

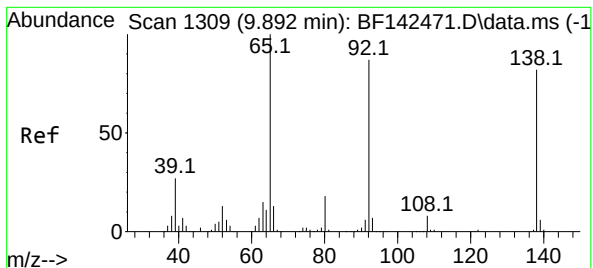
Tgt Ion:165 Resp: 155634
Ion Ratio Lower Upper
165 100
63 52.6 42.9 64.3
89 49.7 40.2 60.4



#52
Acenaphthene
Concen: 45.765 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

Tgt Ion:154 Resp: 684906
Ion Ratio Lower Upper
154 100
153 112.2 90.0 135.0
152 52.6 42.6 64.0





#53

3-Nitroaniline

Concen: 24.934 ng

RT: 9.886 min Scan# 1308

Delta R.T. -0.012 min

Lab File: BF142531.D

Acq: 23 May 2025 13:12

Instrument :

BNA_F

ClientSampleId :

TP-45MS

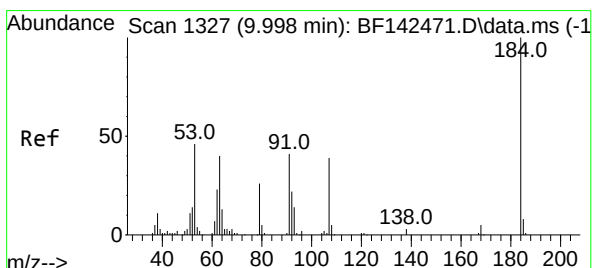
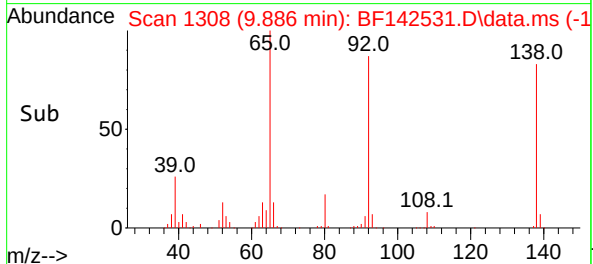
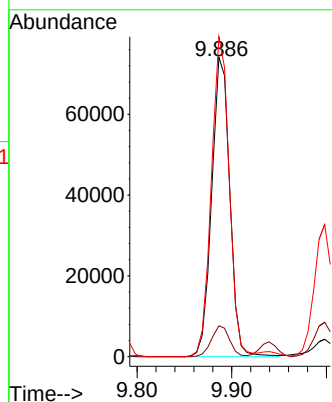
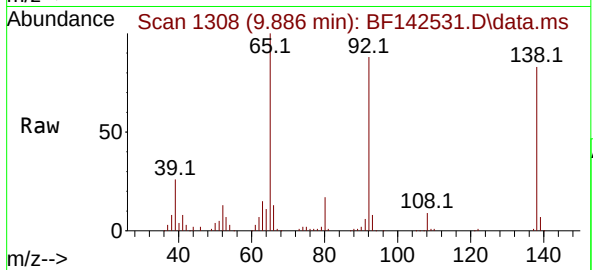
Tgt Ion:138 Resp: 98207

Ion Ratio Lower Upper

138 100

108 10.3 8.1 12.1

92 106.9 85.2 127.8



#54

2,4-Dinitrophenol

Concen: 101.759 ng

RT: 9.998 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF142531.D

Acq: 23 May 2025 13:12

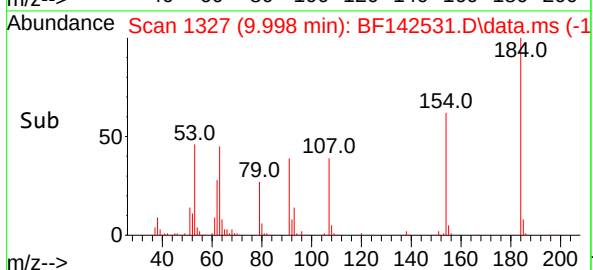
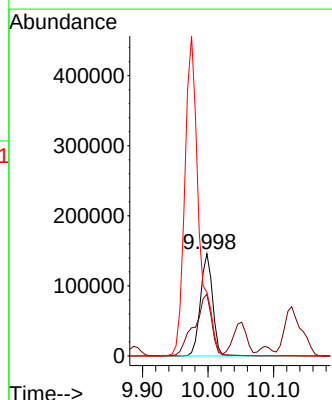
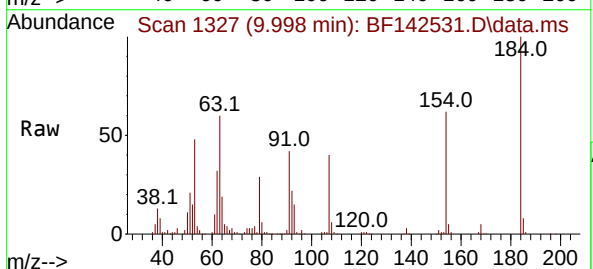
Tgt Ion:184 Resp: 189583

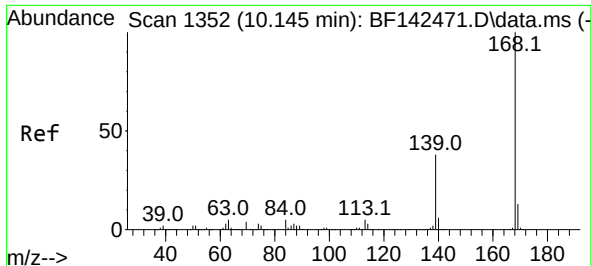
Ion Ratio Lower Upper

184 100

63 60.4 46.3 69.5

154 62.1 56.8 85.2

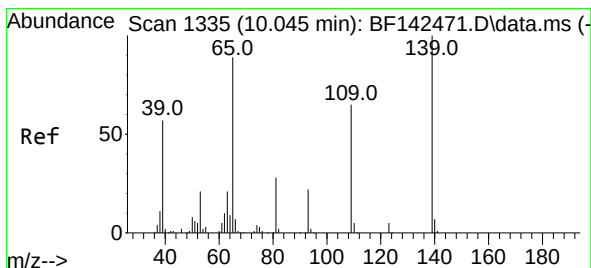
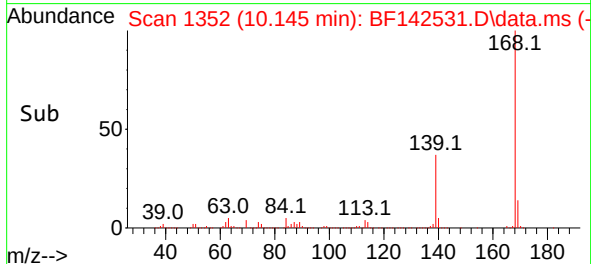
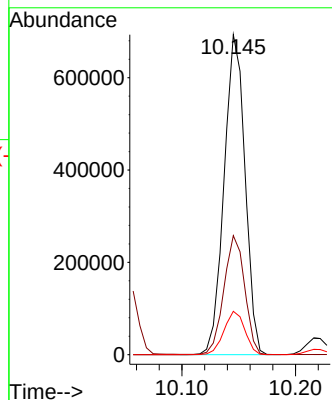
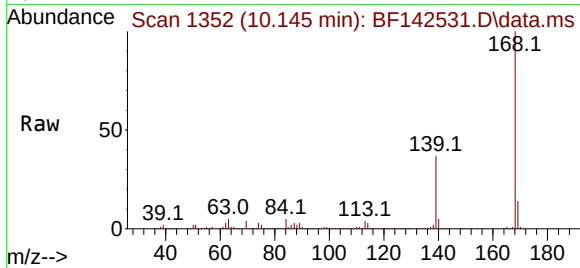




#55
Dibenzofuran
Concen: 41.233 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

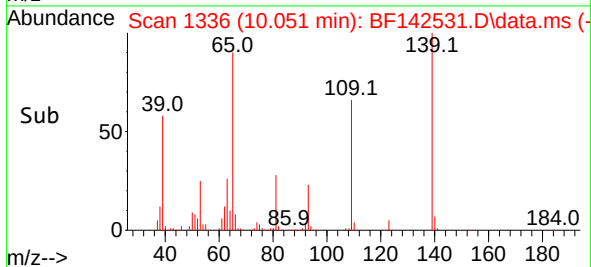
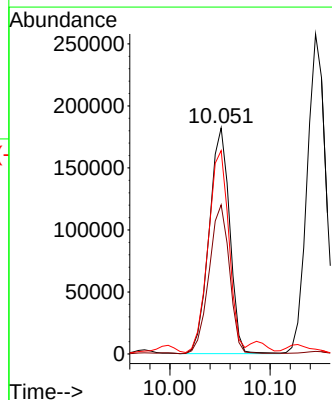
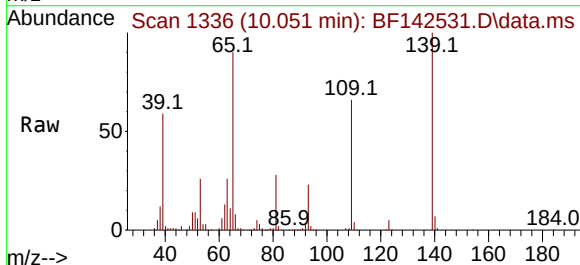
Instrument :
BNA_F
ClientSampleId :
TP-45MS

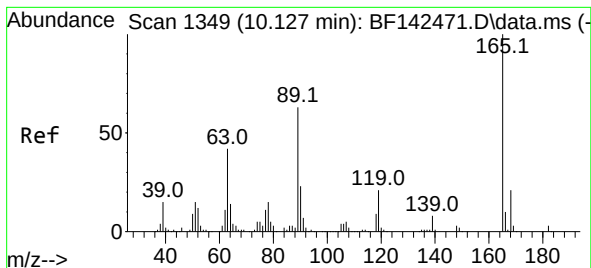
Tgt Ion:168 Resp: 887997
Ion Ratio Lower Upper
168 100
139 37.2 30.2 45.2
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 89.074 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

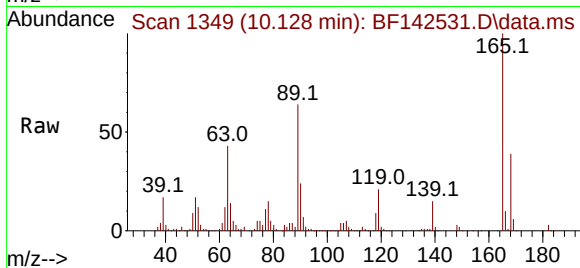
Tgt Ion:139 Resp: 258869
Ion Ratio Lower Upper
139 100
109 66.0 45.1 85.1
65 90.0 69.7 109.7



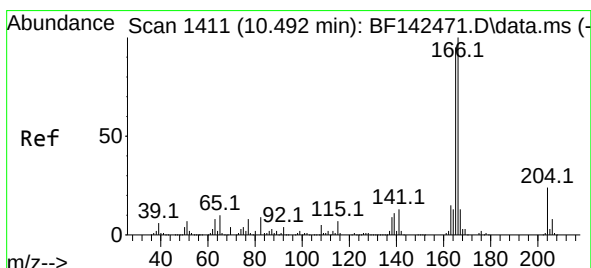
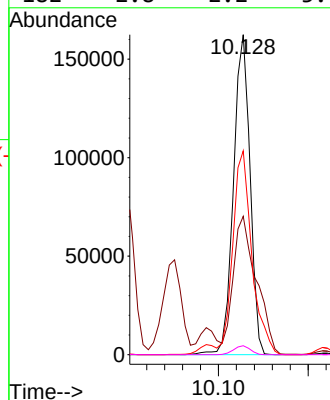
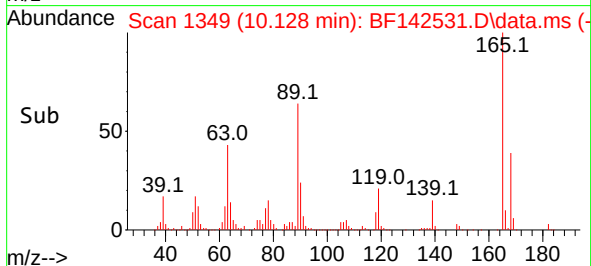


#57
2,4-Dinitrotoluene
Concen: 44.153 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

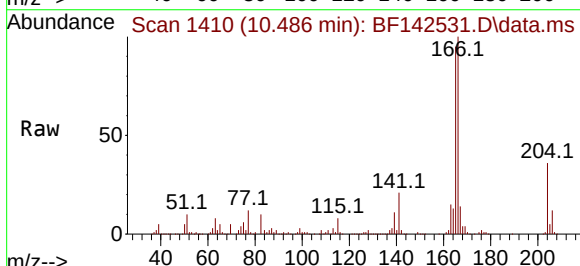
Instrument :
BNA_F
ClientSampleId :
TP-45MS



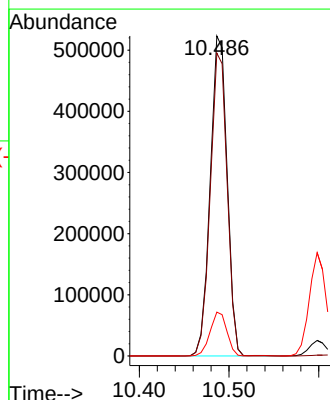
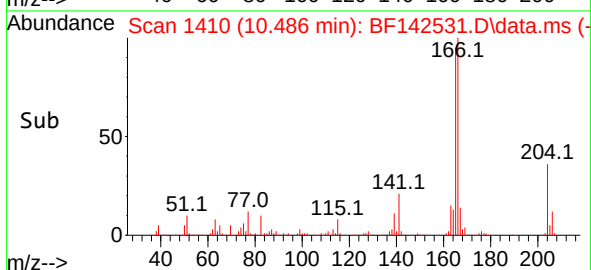
Tgt Ion:165 Resp: 207938
Ion Ratio Lower Upper
165 100
63 43.2 33.6 50.4
89 63.7 50.2 75.4
182 2.8 2.2 3.4

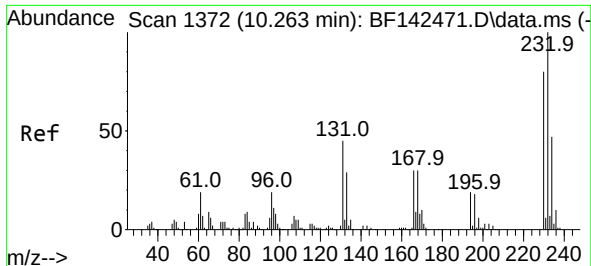


#58
Fluorene
Concen: 41.113 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12



Tgt Ion:166 Resp: 684012
Ion Ratio Lower Upper
166 100
165 94.6 75.8 113.8
167 13.7 10.6 16.0

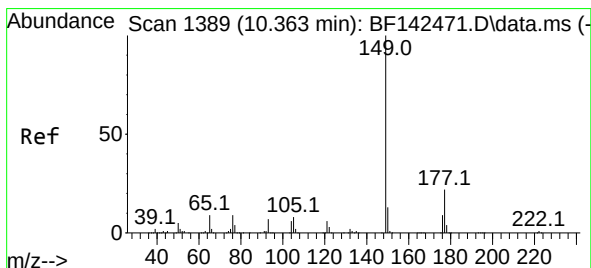
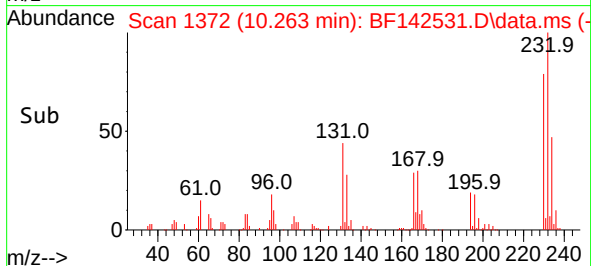
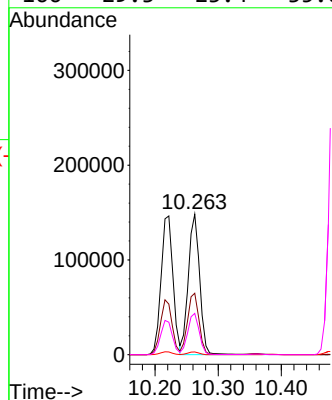
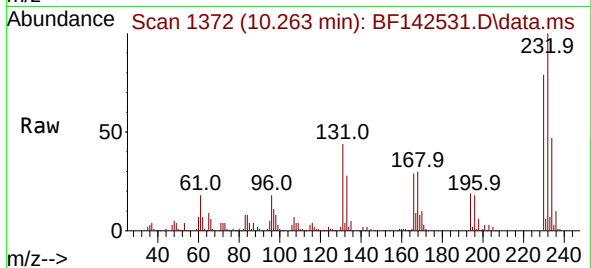




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.958 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

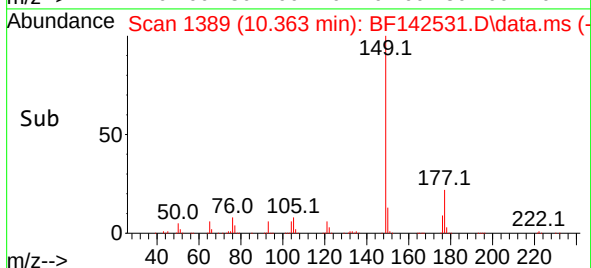
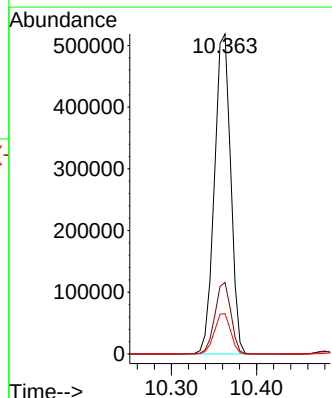
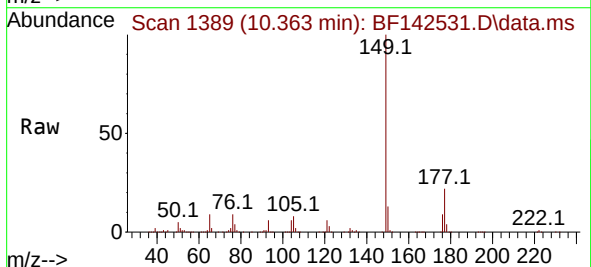
Instrument :
BNA_F
ClientSampleId :
TP-45MS

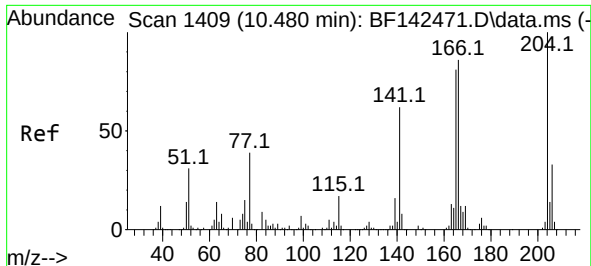
Tgt Ion:232 Resp: 185384
Ion Ratio Lower Upper
232 100
131 43.7 35.2 52.8
130 2.0 1.7 2.5
166 29.3 23.4 35.0



#60
Diethylphthalate
Concen: 42.044 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

Tgt Ion:149 Resp: 686074
Ion Ratio Lower Upper
149 100
177 22.4 17.6 26.4
150 12.6 10.1 15.1

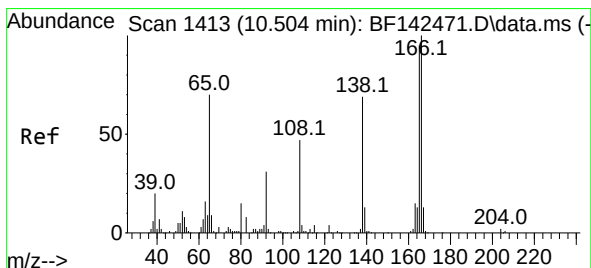
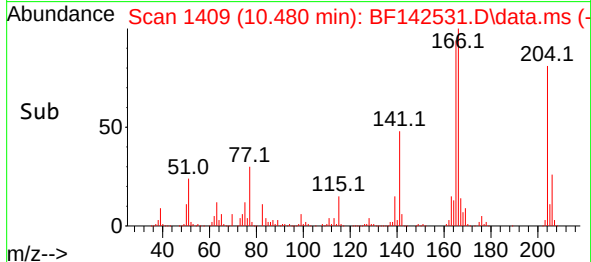
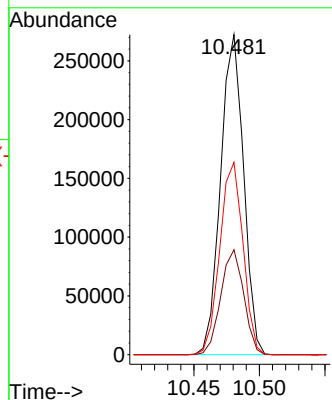
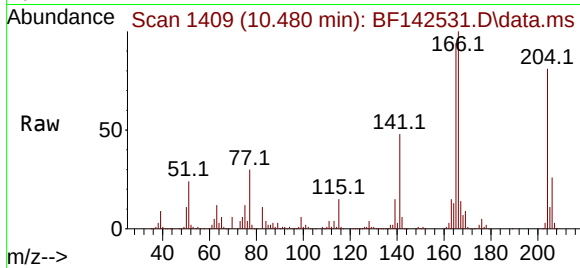




#61
4-Chlorophenyl-phenylether
Concen: 40.576 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

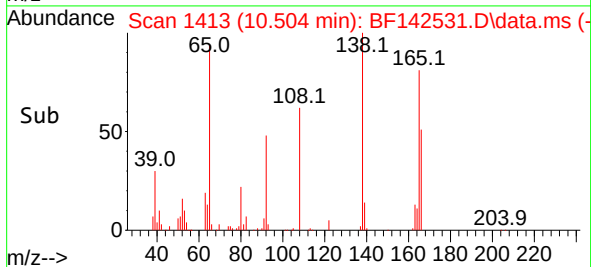
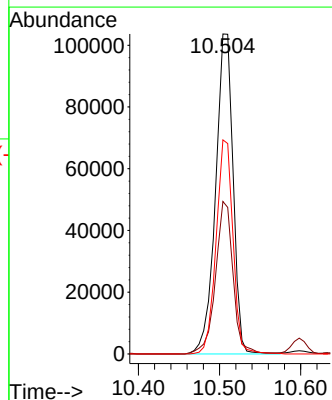
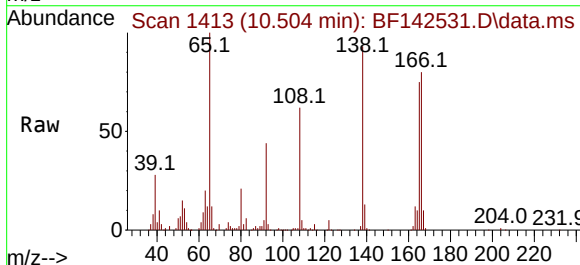
Instrument :
BNA_F
ClientSampleId :
TP-45MS

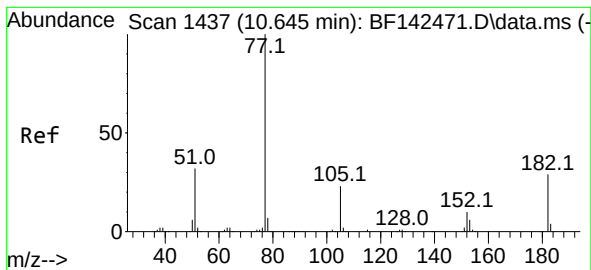
Tgt Ion:204 Resp: 331634
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 60.1 49.5 74.3



#62
4-Nitroaniline
Concen: 43.718 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

Tgt Ion:138 Resp: 156171
Ion Ratio Lower Upper
138 100
92 47.7 26.0 66.0
108 66.9 48.4 88.4





#63

Azobenzene

Concen: 46.237 ng

RT: 10.639 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF142531.D

Acq: 23 May 2025 13:12

Instrument :

BNA_F

ClientSampleId :

TP-45MS

Tgt Ion: 77 Resp: 677666

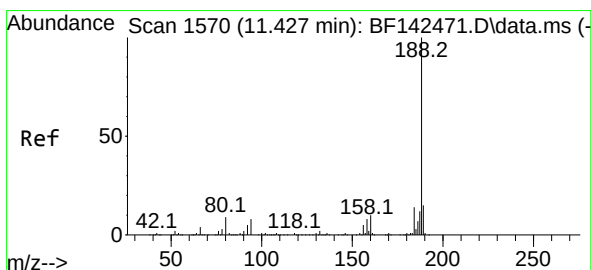
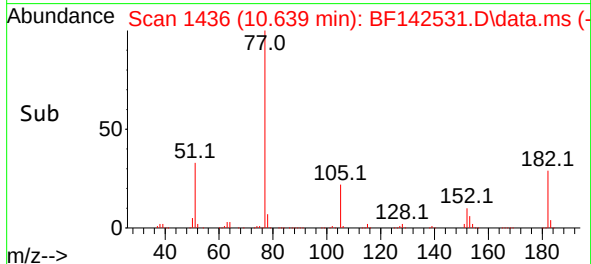
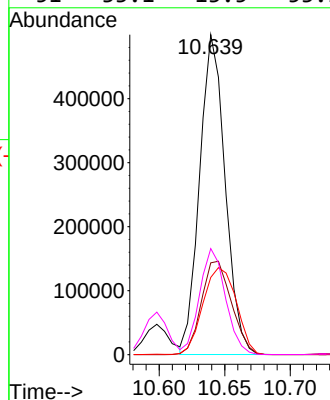
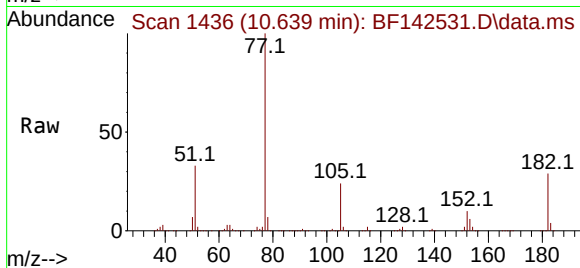
Ion Ratio Lower Upper

77 100

182 28.7 9.0 49.0

105 24.1 2.4 42.4

51 33.1 13.5 53.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142531.D

Acq: 23 May 2025 13:12

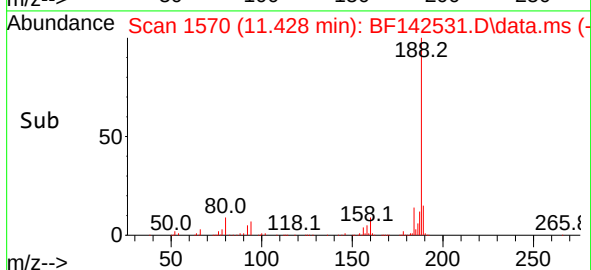
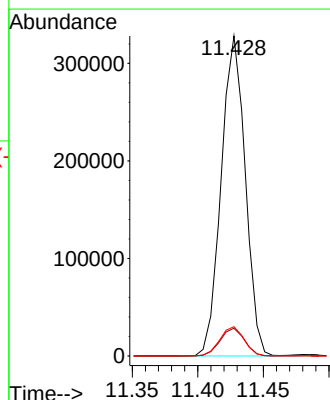
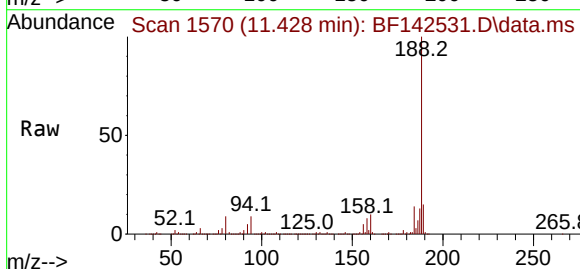
Tgt Ion:188 Resp: 418845

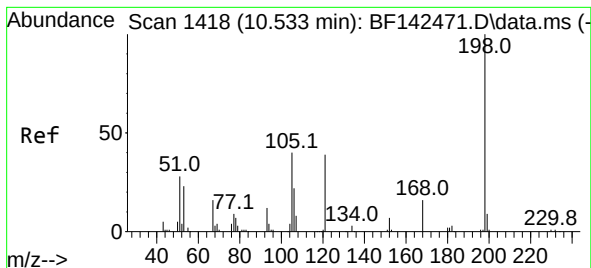
Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

80 9.1 7.4 11.0

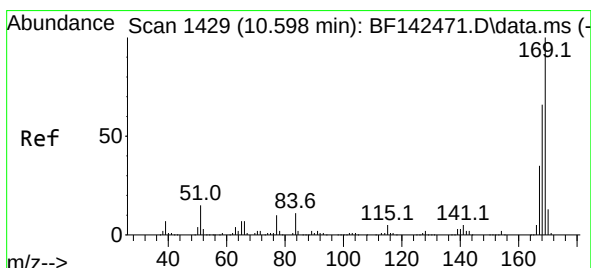
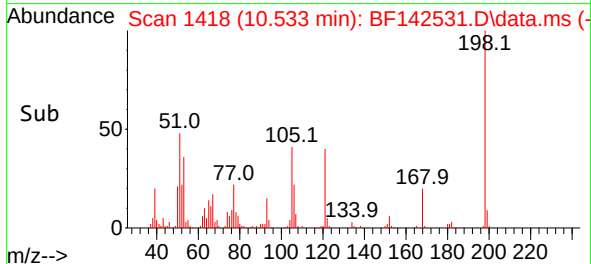
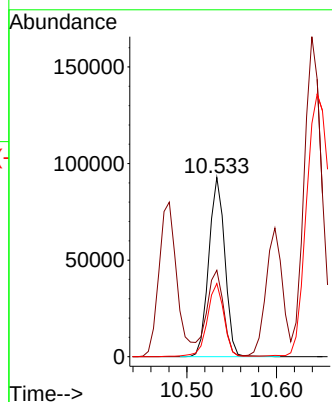
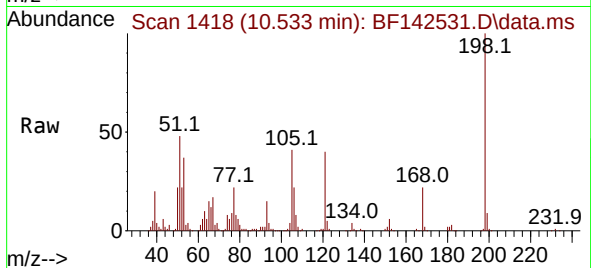




#65
4,6-Dinitro-2-methylphenol
Concen: 49.359 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

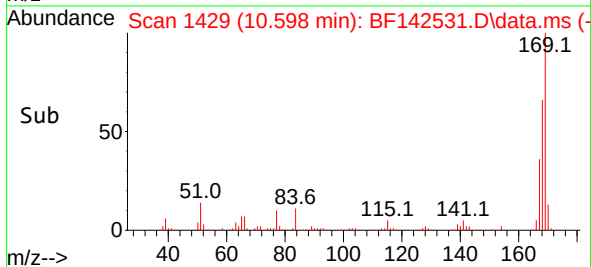
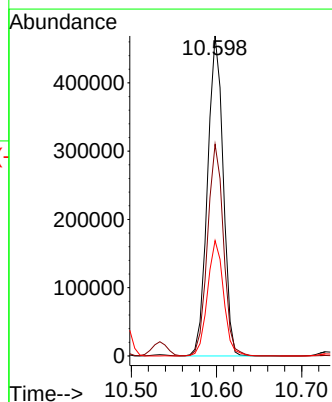
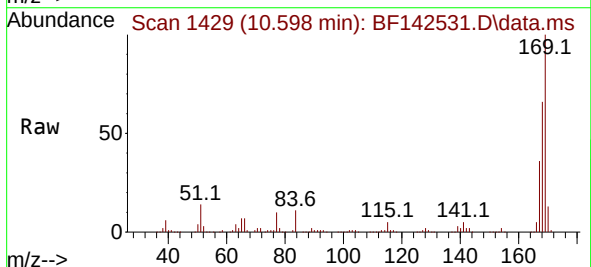
Instrument :
BNA_F
ClientSampleId :
TP-45MS

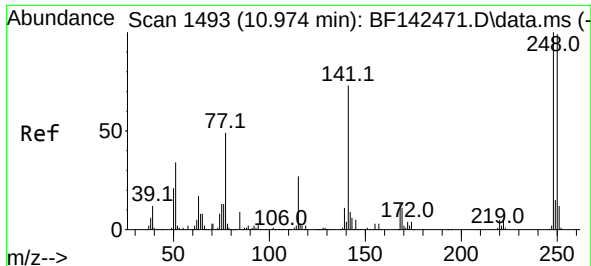
Tgt Ion:198 Resp: 115375
Ion Ratio Lower Upper
198 100
51 48.3 28.3 68.3
105 40.8 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 41.726 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

Tgt Ion:169 Resp: 597917
Ion Ratio Lower Upper
169 100
168 66.2 52.7 79.1
167 36.0 28.3 42.5

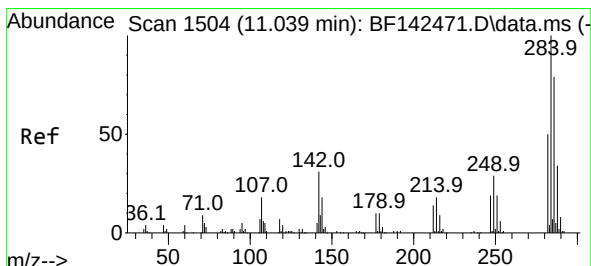
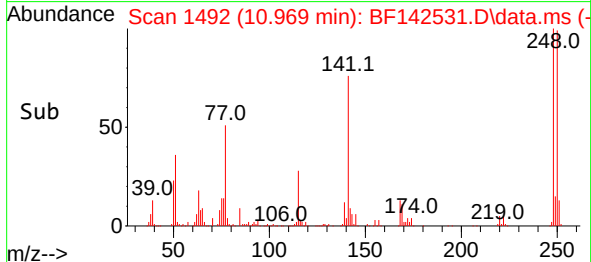
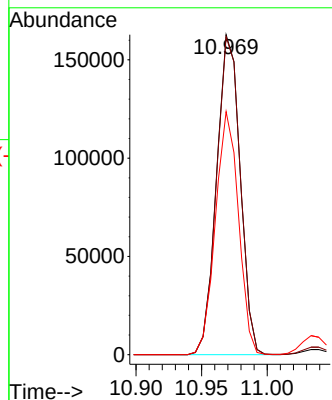
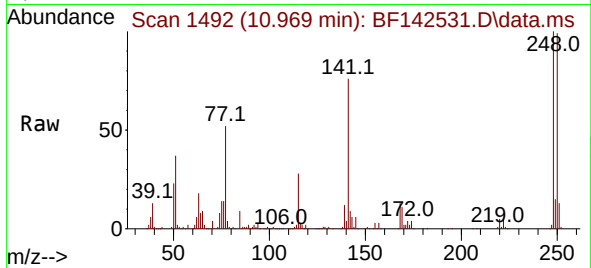




#67
4-Bromophenyl-phenylether
Concen: 41.130 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

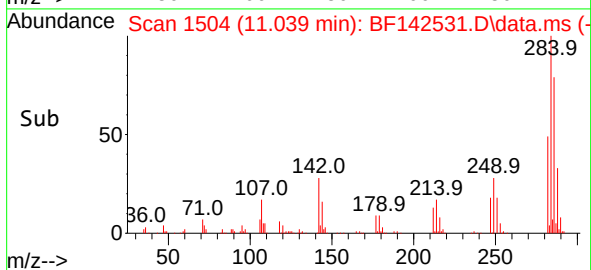
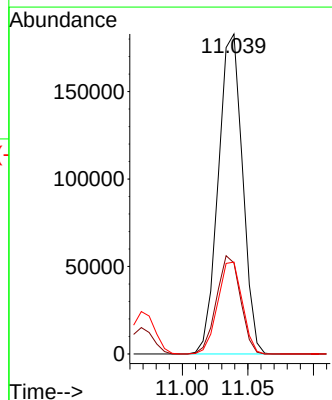
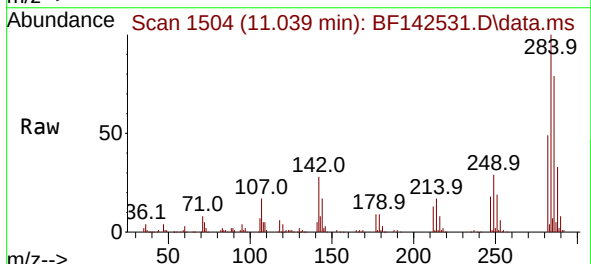
Instrument :
BNA_F
ClientSampleId :
TP-45MS

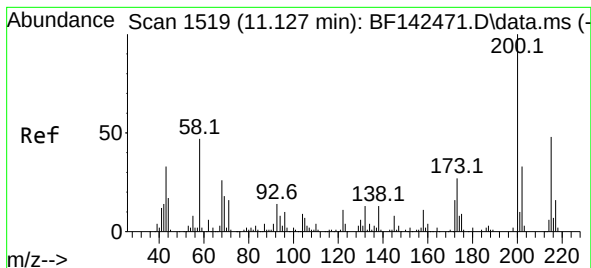
Tgt Ion:248 Resp: 203700
Ion Ratio Lower Upper
248 100
250 99.3 79.0 118.4
141 76.0 58.4 87.6



#68
Hexachlorobenzene
Concen: 42.896 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

Tgt Ion:284 Resp: 234968
Ion Ratio Lower Upper
284 100
142 28.4 24.8 37.2
249 28.7 23.6 35.4





#69

Atrazine

Concen: 47.516 ng

RT: 11.128 min Scan# 11

Delta R.T. 0.001 min

Lab File: BF142531.D

Acq: 23 May 2025 13:12

Instrument :

BNA_F

ClientSampleId :

TP-45MS

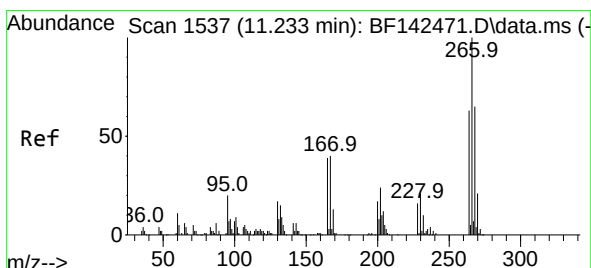
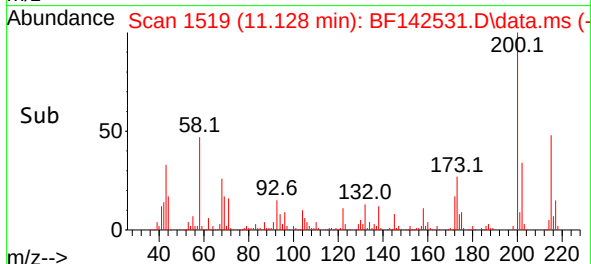
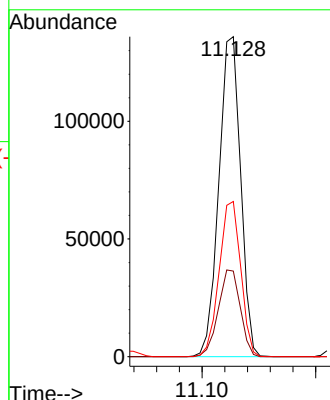
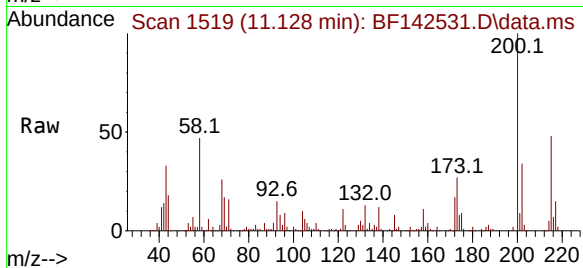
Tgt Ion:200 Resp: 180822

Ion Ratio Lower Upper

200 100

173 26.8 7.4 47.4

215 48.5 28.5 68.5



#70

Pentachlorophenol

Concen: 88.481 ng

RT: 11.228 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF142531.D

Acq: 23 May 2025 13:12

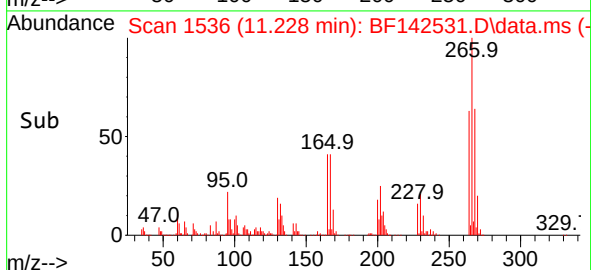
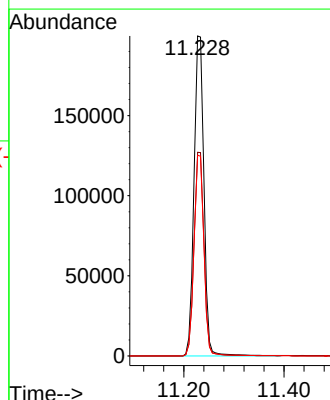
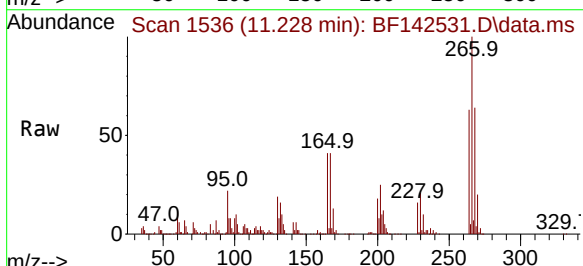
Tgt Ion:266 Resp: 273634

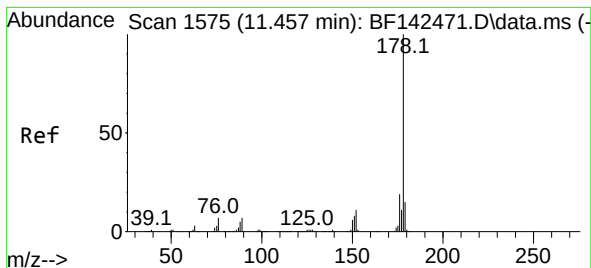
Ion Ratio Lower Upper

266 100

268 63.6 51.7 77.5

264 62.8 50.4 75.6





#71

Phenanthrene

Concen: 41.395 ng

RT: 11.451 min Scan# 1574

Delta R.T. -0.006 min

Lab File: BF142531.D

Acq: 23 May 2025 13:12

Instrument :

BNA_F

ClientSampleId :

TP-45MS

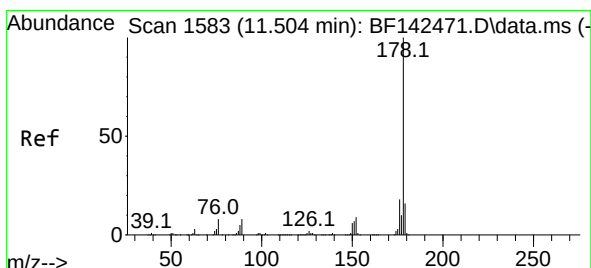
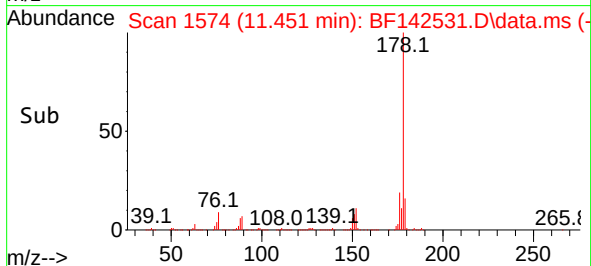
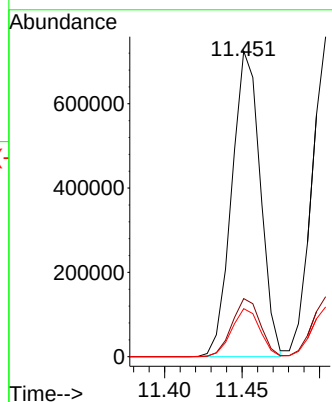
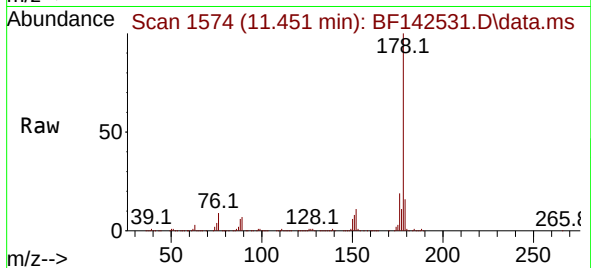
Tgt Ion:178 Resp: 926575

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.7 12.3 18.5



#72

Anthracene

Concen: 41.912 ng

RT: 11.504 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF142531.D

Acq: 23 May 2025 13:12

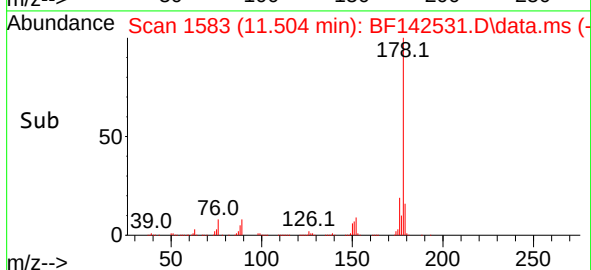
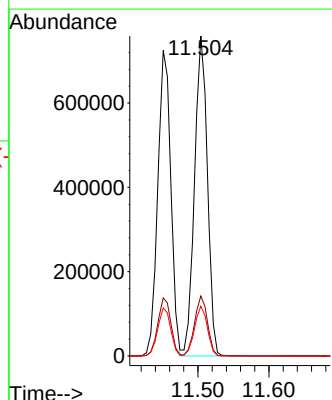
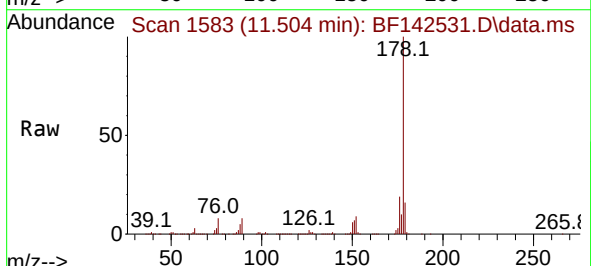
Tgt Ion:178 Resp: 957466

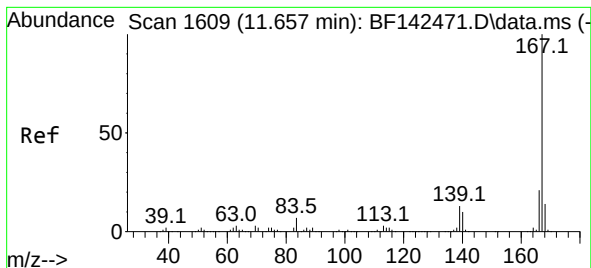
Ion Ratio Lower Upper

178 100

176 18.7 14.6 21.8

179 15.6 12.4 18.6





#73

Carbazole

Concen: 42.677 ng

RT: 11.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142531.D

Acq: 23 May 2025 13:12

Instrument :

BNA_F

ClientSampleId :

TP-45MS

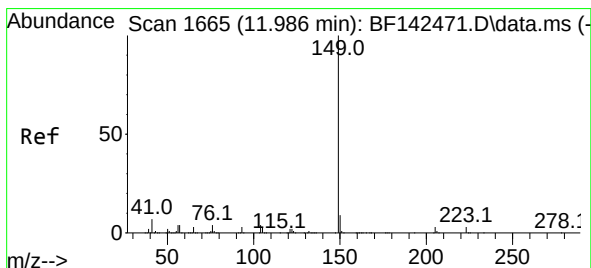
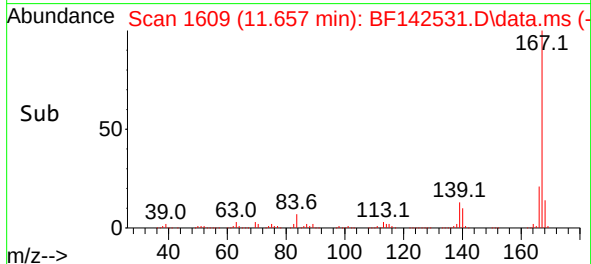
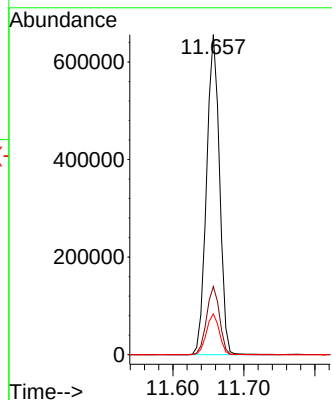
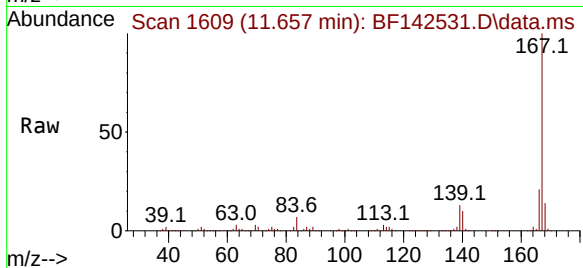
Tgt Ion:167 Resp: 833473

Ion Ratio Lower Upper

167 100

166 21.3 16.9 25.3

139 12.8 10.2 15.4



#74

Di-n-butylphthalate

Concen: 46.001 ng

RT: 11.986 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF142531.D

Acq: 23 May 2025 13:12

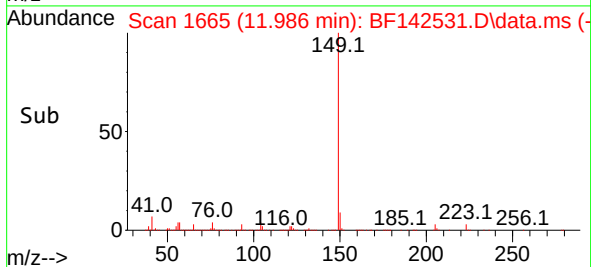
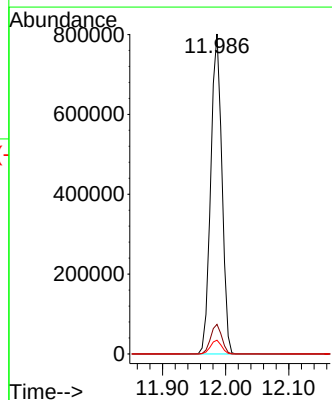
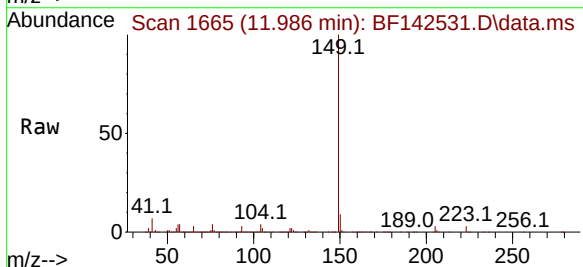
Tgt Ion:149 Resp: 983355

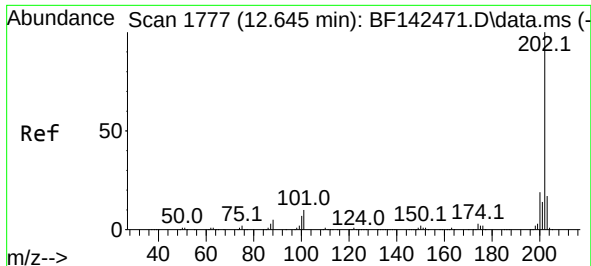
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 4.3 3.6 5.4

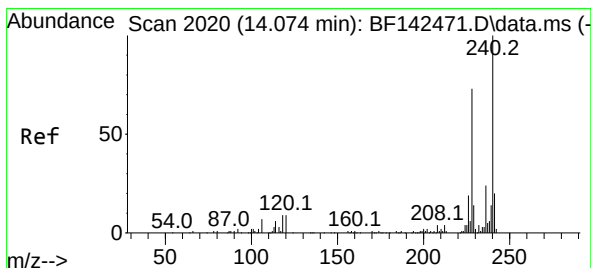
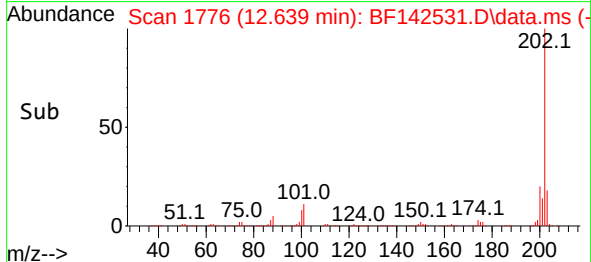
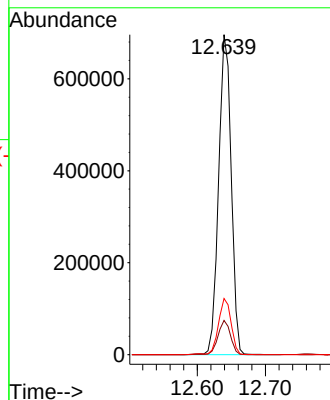
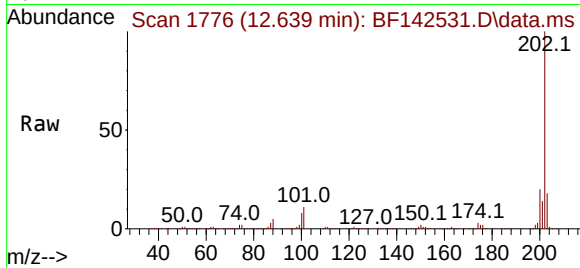




#75
Fluoranthene
Concen: 42.725 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

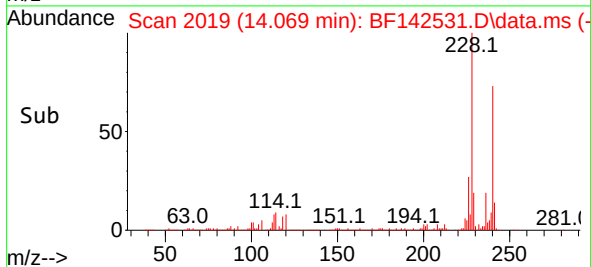
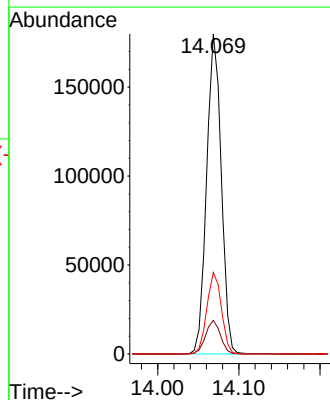
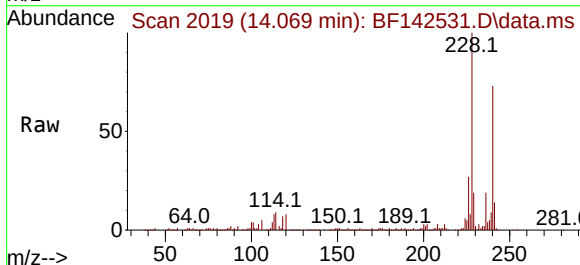
Instrument :
BNA_F
ClientSampleId :
TP-45MS

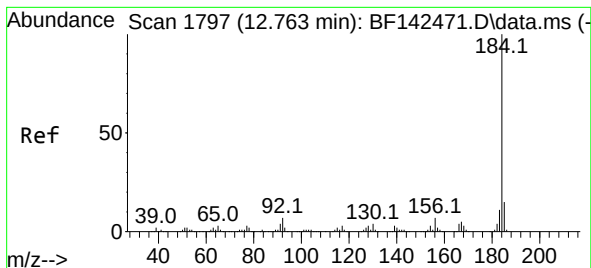
Tgt Ion:202 Resp: 893614
Ion Ratio Lower Upper
202 100
101 10.7 0.0 29.6
203 17.5 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

Tgt Ion:240 Resp: 224873
Ion Ratio Lower Upper
240 100
120 10.5 7.5 11.3
236 25.4 19.6 29.4





#77

Benzidine

Concen: 45.150 ng

RT: 12.763 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142531.D

Acq: 23 May 2025 13:12

Instrument :

BNA_F

ClientSampleId :

TP-45MS

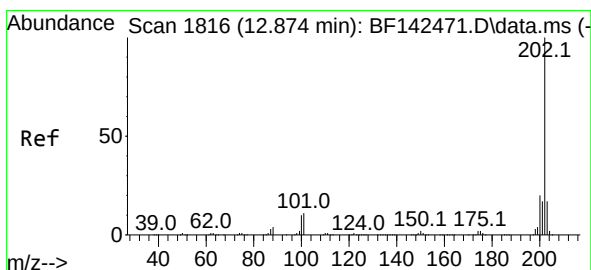
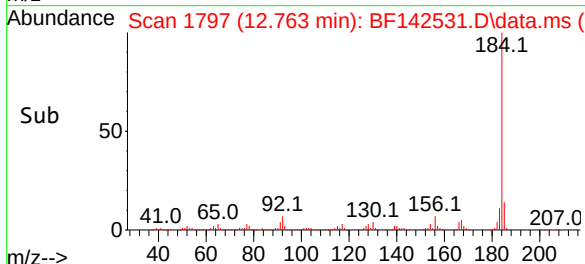
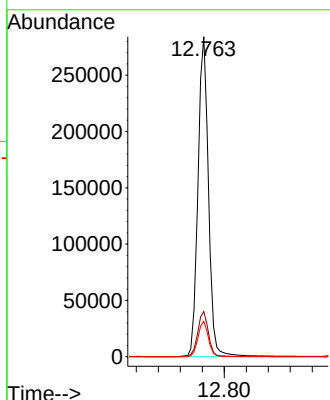
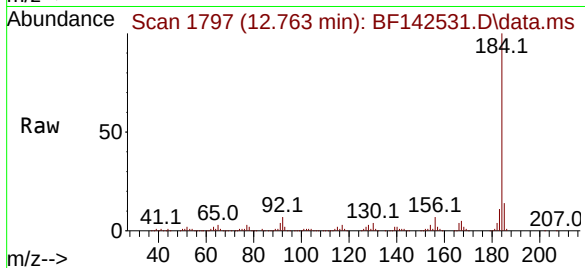
Tgt Ion:184 Resp: 377825

Ion Ratio Lower Upper

184 100

185 14.1 11.6 17.4

183 11.0 9.0 13.4



#78

Pyrene

Concen: 42.016 ng

RT: 12.869 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF142531.D

Acq: 23 May 2025 13:12

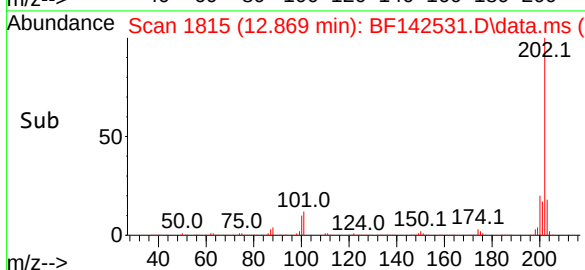
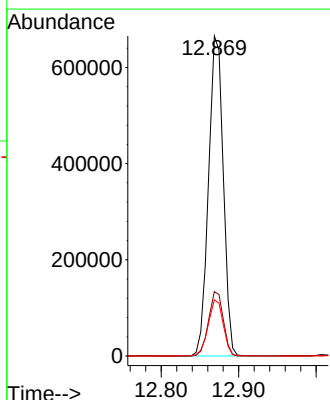
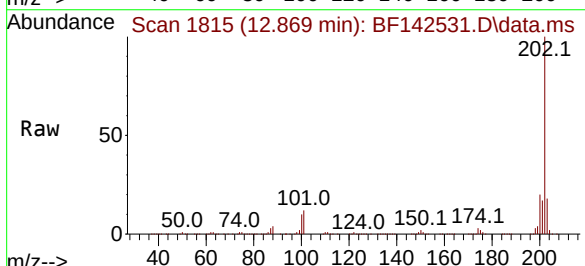
Tgt Ion:202 Resp: 881393

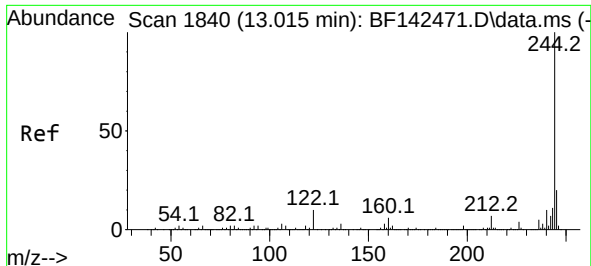
Ion Ratio Lower Upper

202 100

200 20.1 16.1 24.1

203 17.5 13.9 20.9

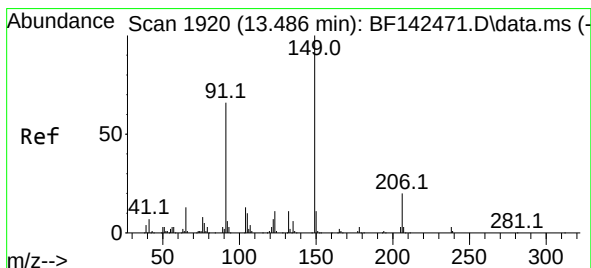
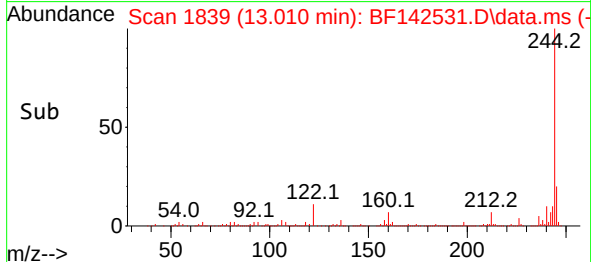
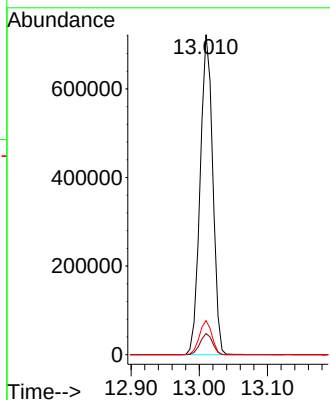
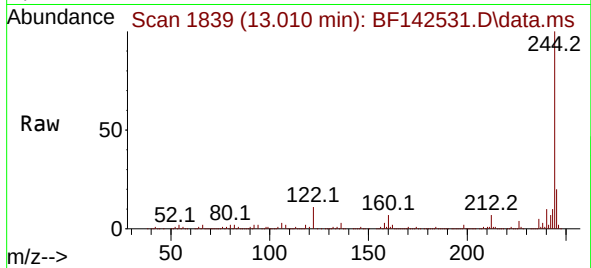




#79
 Terphenyl-d14
 Concen: 56.427 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142531.D
 Acq: 23 May 2025 13:12

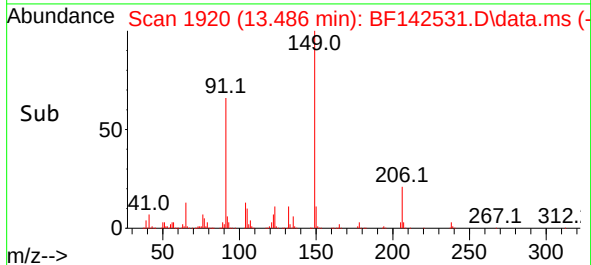
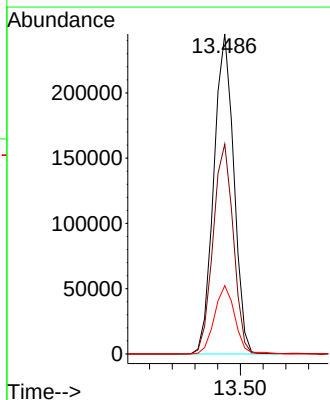
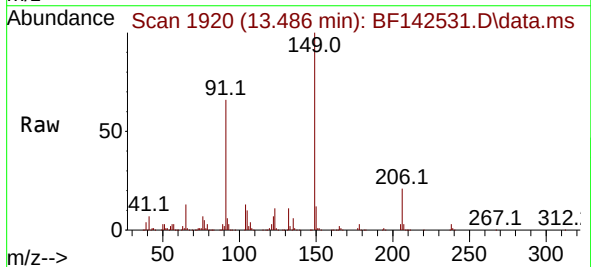
Instrument :
 BNA_F
 ClientSampleId :
 TP-45MS

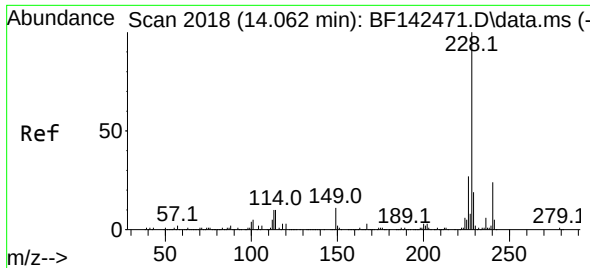
Tgt Ion:244 Resp: 928535
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 10.7 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 51.890 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142531.D
 Acq: 23 May 2025 13:12

Tgt Ion:149 Resp: 300779
 Ion Ratio Lower Upper
 149 100
 91 65.6 52.9 79.3
 206 21.3 16.2 24.2

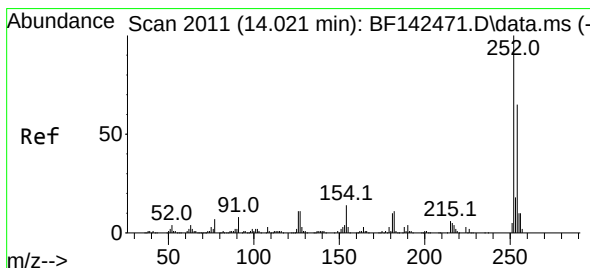
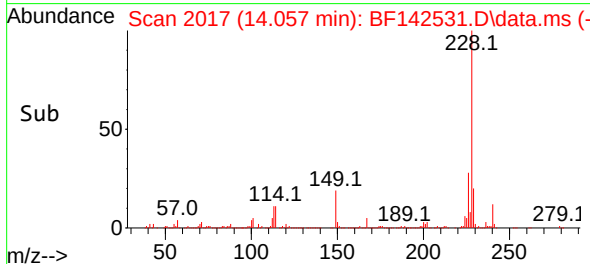
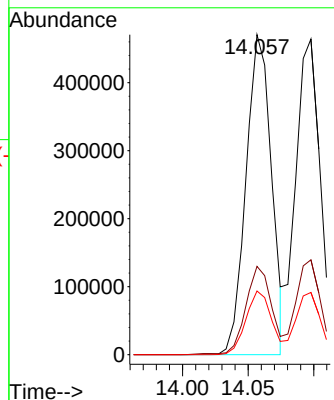
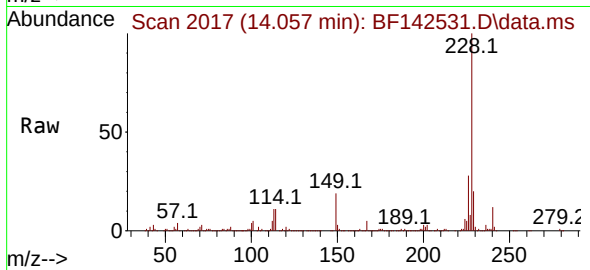




#81
 Benzo(a)anthracene
 Concen: 42.330 ng
 RT: 14.057 min Scan# 2017
 Delta R.T. -0.006 min
 Lab File: BF142531.D
 Acq: 23 May 2025 13:12

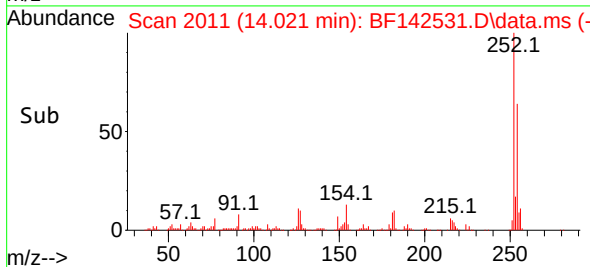
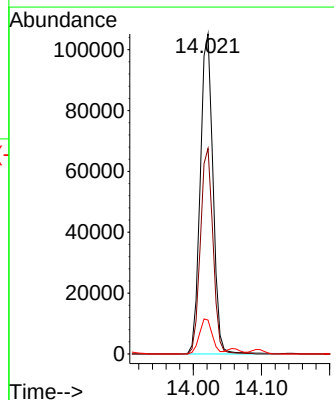
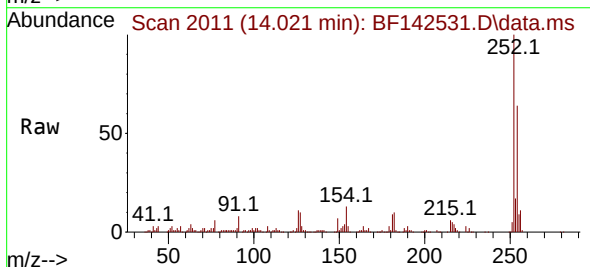
Instrument :
 BNA_F
 ClientSampleId :
 TP-45MS

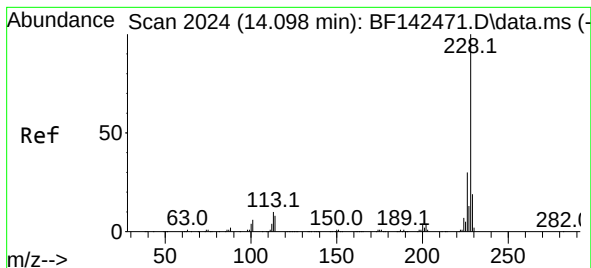
Tgt Ion:228 Resp: 635634
 Ion Ratio Lower Upper
 228 100
 226 27.6 21.2 31.8
 229 19.9 15.5 23.3



#82
 3,3'-Dichlorobenzidine
 Concen: 29.953 ng
 RT: 14.021 min Scan# 2011
 Delta R.T. -0.006 min
 Lab File: BF142531.D
 Acq: 23 May 2025 13:12

Tgt Ion:252 Resp: 136420
 Ion Ratio Lower Upper
 252 100
 254 64.2 52.0 78.0
 126 10.6 8.9 13.3





#83

Chrysene

Concen: 44.628 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142531.D

Acq: 23 May 2025 13:12

Instrument :

BNA_F

ClientSampleId :

TP-45MS

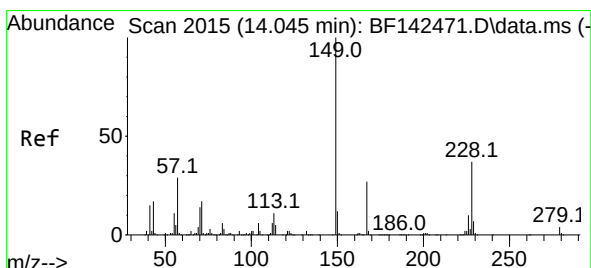
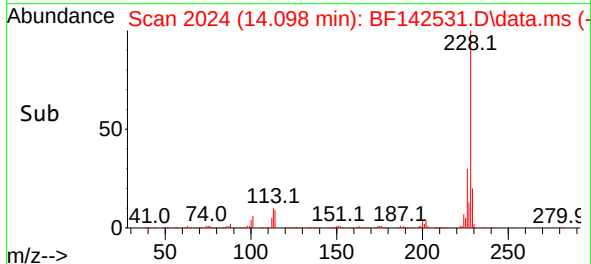
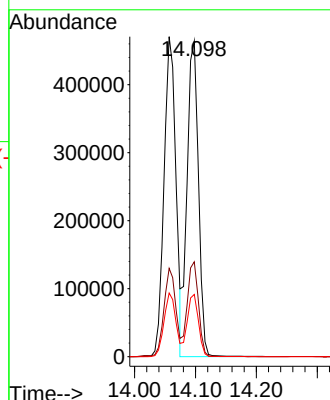
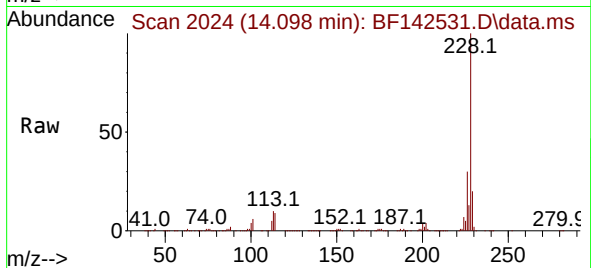
Tgt Ion:228 Resp: 602154

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.6

229 19.7 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.745 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142531.D

Acq: 23 May 2025 13:12

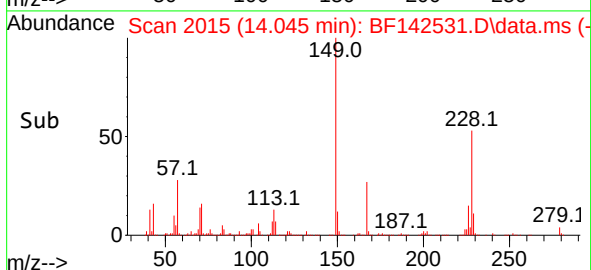
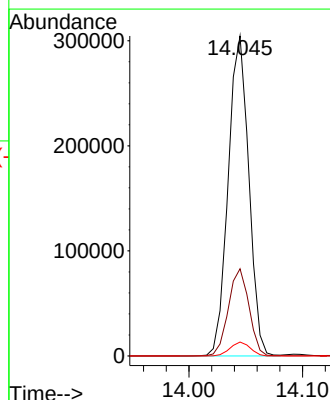
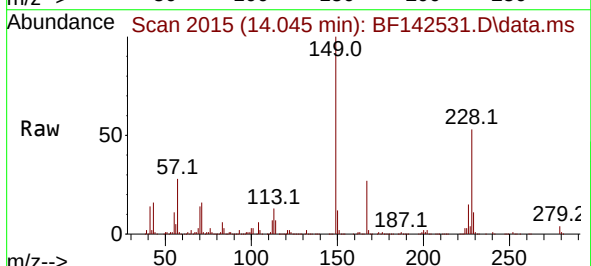
Tgt Ion:149 Resp: 383963

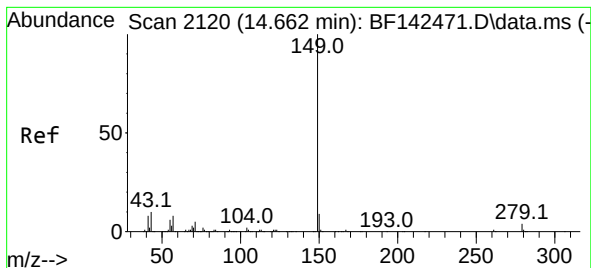
Ion Ratio Lower Upper

149 100

167 27.2 21.5 32.3

279 4.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 42.606 ng

RT: 14.657 min Scan# 21

Delta R.T. -0.011 min

Lab File: BF142531.D

Acq: 23 May 2025 13:12

Instrument :

BNA_F

ClientSampleId :

TP-45MS

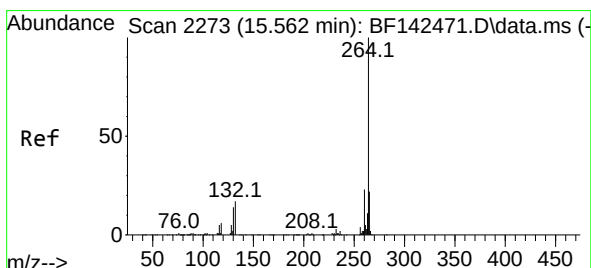
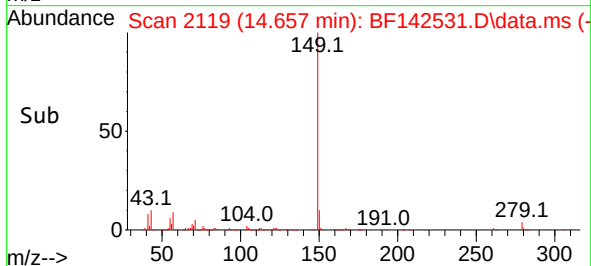
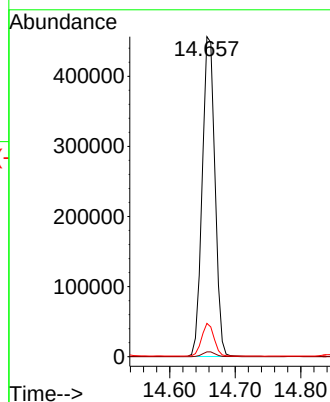
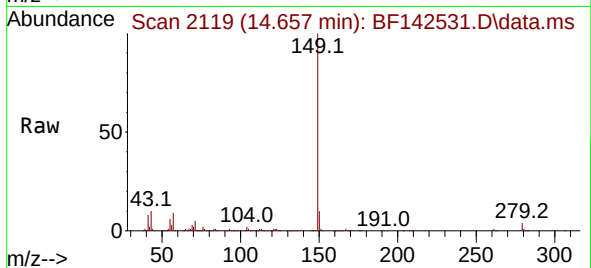
Tgt Ion:149 Resp: 618171

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.9 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF142531.D

Acq: 23 May 2025 13:12

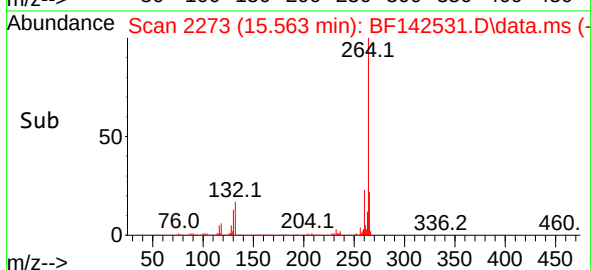
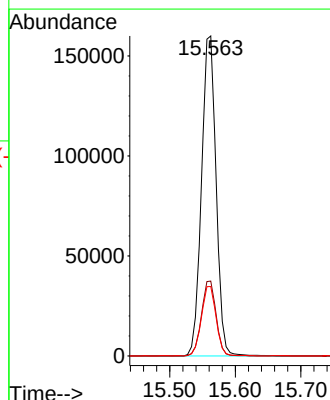
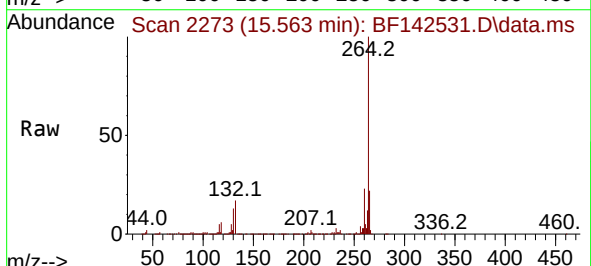
Tgt Ion:264 Resp: 247916

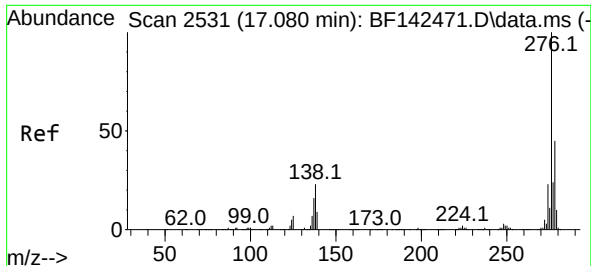
Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 21.7 17.7 26.5

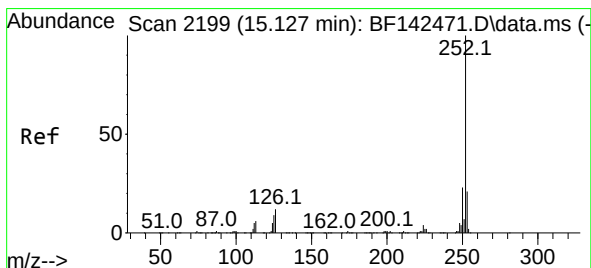
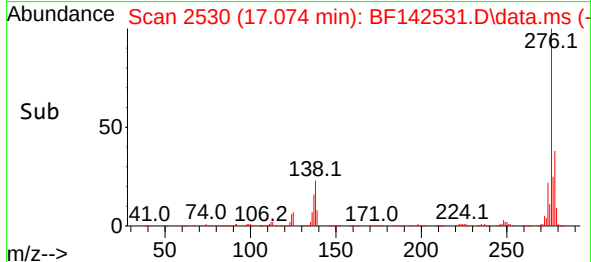
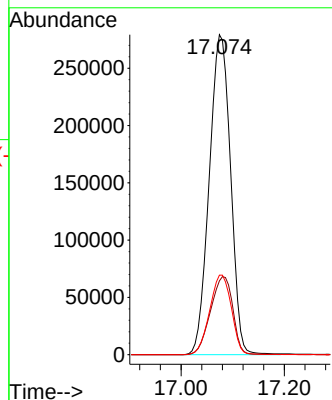
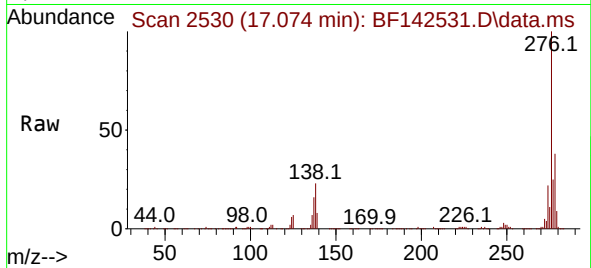




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.949 ng
 RT: 17.074 min Scan# 2198
 Delta R.T. -0.017 min
 Lab File: BF142531.D
 Acq: 23 May 2025 13:12

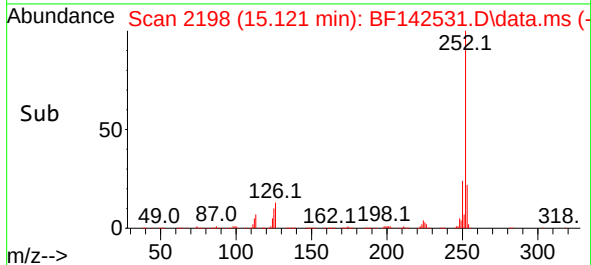
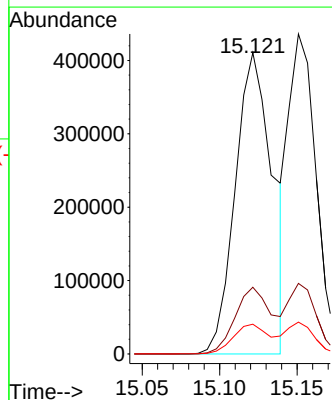
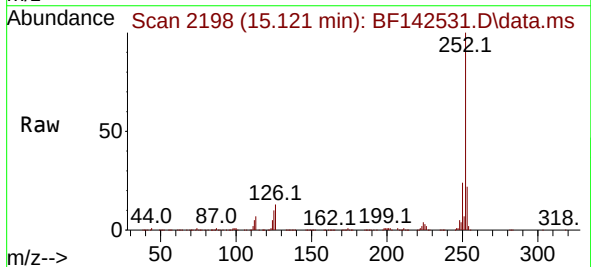
Instrument :
 BNA_F
 ClientSampleId :
 TP-45MS

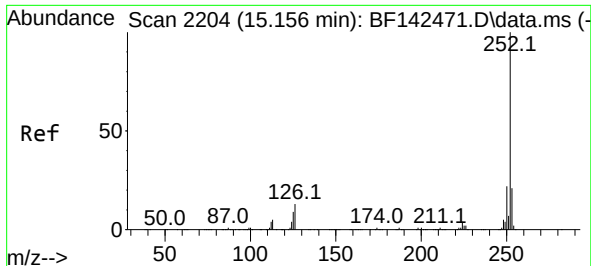
Tgt Ion:276 Resp: 799361
 Ion Ratio Lower Upper
 276 100
 138 25.5 19.9 29.9
 277 25.4 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 46.615 ng
 RT: 15.121 min Scan# 2198
 Delta R.T. -0.006 min
 Lab File: BF142531.D
 Acq: 23 May 2025 13:12

Tgt Ion:252 Resp: 683971
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.0 25.4
 125 9.9 7.4 11.0

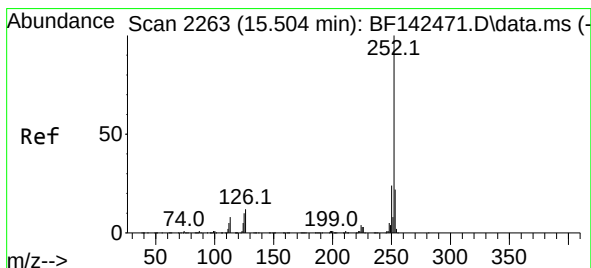
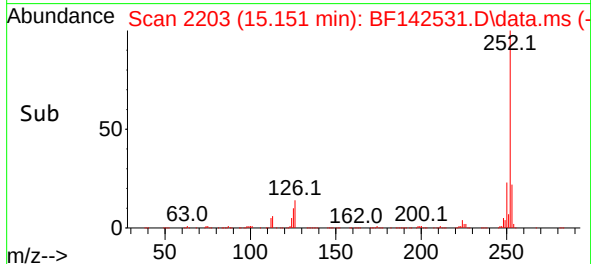
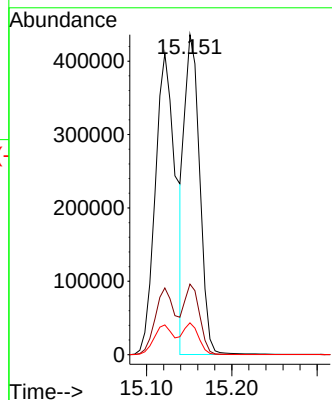
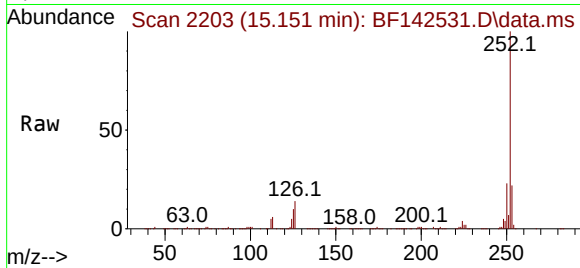




#89
Benzo(k)fluoranthene
Concen: 39.392 ng
RT: 15.151 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

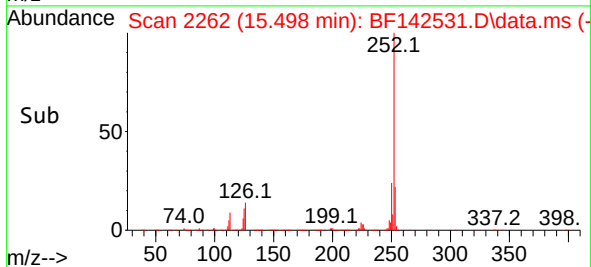
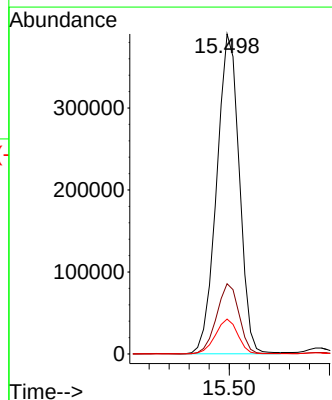
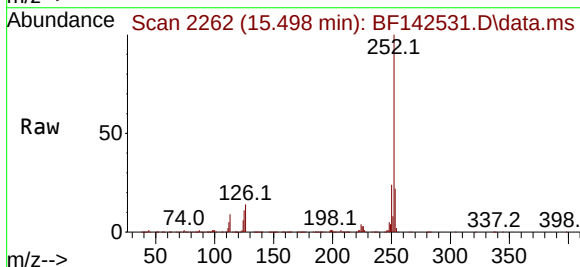
Instrument :
BNA_F
ClientSampleId :
TP-45MS

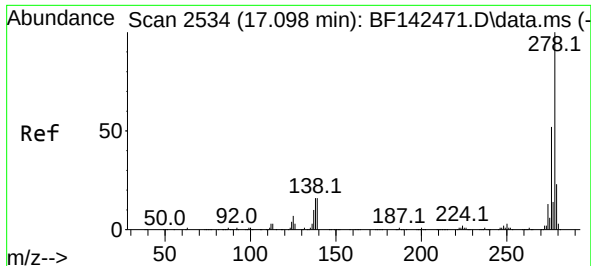
Tgt Ion:252 Resp: 541354
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 9.9 7.3 10.9



#90
Benzo(a)pyrene
Concen: 44.124 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

Tgt Ion:252 Resp: 610255
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 10.9 7.9 11.9

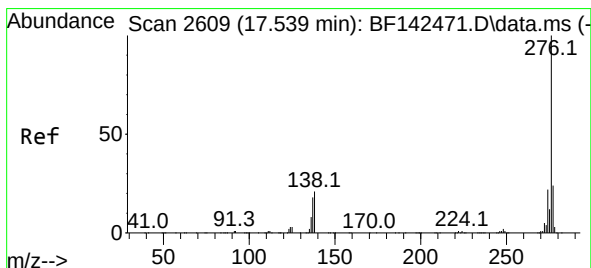
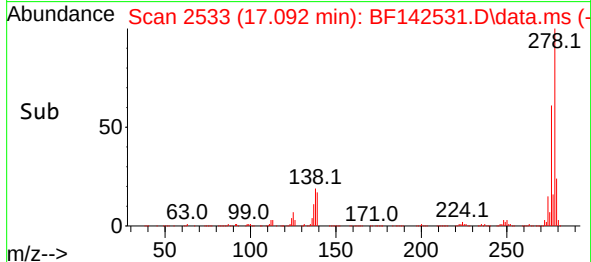
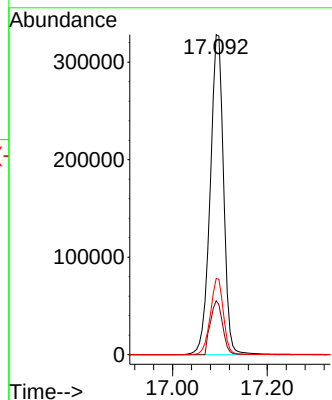
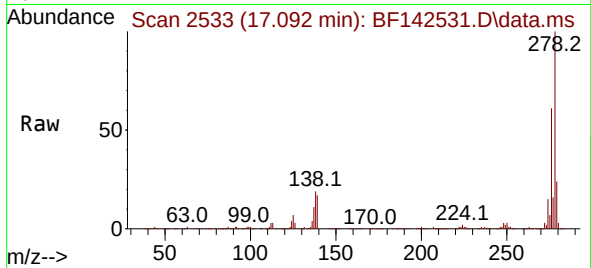




#91
Dibenzo(a,h)anthracene
Concen: 42.704 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

Instrument :
BNA_F
ClientSampleId :
TP-45MS

Tgt Ion:278 Resp: 644627
Ion Ratio Lower Upper
278 100
139 16.8 12.8 19.2
279 23.8 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 43.051 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.023 min
Lab File: BF142531.D
Acq: 23 May 2025 13:12

Tgt Ion:276 Resp: 650002
Ion Ratio Lower Upper
276 100
277 23.5 19.2 28.8
138 22.4 16.8 25.2

