

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142278.D
 Acq On : 02 May 2025 12:55
 Operator : RC/JU
 Sample : Q1901-08MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB01MSD

Quant Time: May 02 13:41:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	217028	20.000	ng	0.00
21) Naphthalene-d8	8.193	136	832936	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	419407	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	684254	20.000	ng	0.00
76) Chrysene-d12	14.069	240	400079	20.000	ng	0.00
86) Perylene-d12	15.563	264	401381	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1351308	99.440	ng	0.01
7) Phenol-d6	6.528	99	1523396	92.834	ng	0.00
23) Nitrobenzene-d5	7.469	82	1112775	87.769	ng	0.00
42) 2,4,6-Tribromophenol	10.734	330	506639	132.507	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2151303	72.323	ng	0.00
79) Terphenyl-d14	13.016	244	2003750	72.842	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.828	88	174625	28.773	ng	# 82
3) Pyridine	3.546	79	441222	27.973	ng	100
4) n-Nitrosodimethylamine	3.487	42	294114	36.032	ng	99
6) Aniline	6.569	93	197398	8.499	ng	98
8) 2-Chlorophenol	6.693	128	562936	40.089	ng	99
9) Benzaldehyde	6.457	77	183950	16.038	ng	99
10) Phenol	6.540	94	583397	33.023	ng	97
11) bis(2-Chloroethyl)ether	6.646	93	532809	38.919	ng	99
12) 1,3-Dichlorobenzene	6.851	146	542334	34.140	ng	99
13) 1,4-Dichlorobenzene	6.928	146	548211	34.253	ng	99
14) 1,2-Dichlorobenzene	7.081	146	540561	35.379	ng	99
15) Benzyl Alcohol	7.046	79	478246	41.092	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.181	45	960997	38.874	ng	100
17) 2-Methylphenol	7.151	107	427556	37.168	ng	99
18) Hexachloroethane	7.422	117	192593	36.766	ng	96
19) n-Nitroso-di-n-propyla...	7.322	70	400784	39.523	ng	99
20) 3+4-Methylphenols	7.304	107	538223	37.414	ng	92
22) Acetophenone	7.316	105	748030	38.819	ng	97
24) Nitrobenzene	7.487	77	571114	45.910	ng	100
25) Isophorone	7.728	82	1075681	40.426	ng	99
26) 2-Nitrophenol	7.804	139	277477	51.929	ng	98
27) 2,4-Dimethylphenol	7.834	122	495291	36.919	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	685392	40.843	ng	99
29) 2,4-Dichlorophenol	8.040	162	483547	43.112	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	482951	38.586	ng	99
31) Naphthalene	8.210	128	1609412	38.745	ng	100
32) Benzoic acid	7.928	122	263320	42.769	ng	97
33) 4-Chloroaniline	8.251	127	72531	4.193	ng	99
34) Hexachlorobutadiene	8.328	225	287976	39.436	ng	99
35) Caprolactam	8.616	113	75651	22.440	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	484815	42.095	ng	99
37) 2-Methylnaphthalene	8.904	142	1012785	39.656	ng	100
38) 1-Methylnaphthalene	8.998	142	1065609	40.276	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	493589	41.817	ng	99
41) Hexachlorocyclopentadiene	9.057	237	611613	91.299	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	351147	48.009	ng	99

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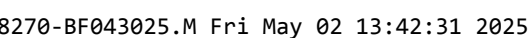
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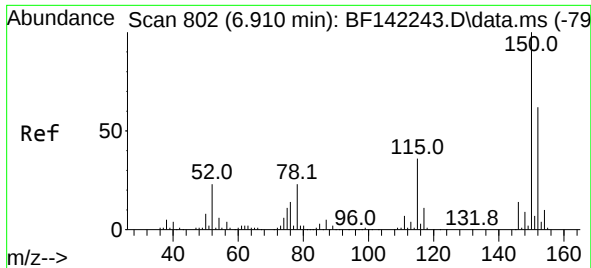
Quant Time: May 02 13:41:32 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	361688	47.034	ng	99
46) 1,1'-Biphenyl	9.363	154	1368430	41.970	ng	100
47) 2-Chloronaphthalene	9.392	162	1020867	42.083	ng	99
48) 2-Nitroaniline	9.481	65	319718	49.782	ng	98
49) Acenaphthylene	9.810	152	1710079	41.776	ng	100
50) Dimethylphthalate	9.663	163	1199810	44.716	ng	100
51) 2,6-Dinitrotoluene	9.722	165	253926	49.228	ng	99
52) Acenaphthene	9.981	154	1087078	45.482	ng	98
53) 3-Nitroaniline	9.886	138	99043	17.958	ng	98
54) 2,4-Dinitrophenol	9.998	184	184644	93.898	ng	# 1
55) Dibenzofuran	10.151	168	1522541	42.495	ng	100
56) 4-Nitrophenol	10.045	139	407185	96.548	ng	99
57) 2,4-Dinitrotoluene	10.128	165	336232	53.345	ng	96
58) Fluorene	10.492	166	1144424	42.008	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	303708	47.678	ng	99
60) Diethylphthalate	10.369	149	1182771	44.640	ng	99
61) 4-Chlorophenyl-phenyle...	10.486	204	556055	42.980	ng	97
62) 4-Nitroaniline	10.504	138	257712	45.444	ng	98
63) Azobenzene	10.645	77	1119990	42.806	ng	99
65) 4,6-Dinitro-2-methylph...	10.534	198	125145	53.859	ng	94
66) n-Nitrosodiphenylamine	10.604	169	983989	42.088	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	347963	45.662	ng	99
68) Hexachlorobenzene	11.039	284	382262	44.789	ng	97
69) Atrazine	11.128	200	312642	50.733	ng	99
70) Pentachlorophenol	11.233	266	437319	96.993	ng	99
71) Phenanthrene	11.457	178	1591587	43.062	ng	100
72) Anthracene	11.510	178	1599092	42.316	ng	100
73) Carbazole	11.657	167	1465976	42.526	ng	100
74) Di-n-butylphthalate	11.992	149	1677931	48.397	ng	100
75) Fluoranthene	12.645	202	1520599	41.619	ng	98
77) Benzidine	12.763	184	44894	2.641	ng	97
78) Pyrene	12.875	202	1524967	41.321	ng	100
80) Butylbenzylphthalate	13.492	149	558469	54.776	ng	99
81) Benzo(a)anthracene	14.063	228	1194007	44.456	ng	100
82) 3,3'-Dichlorobenzidine	14.022	252	70246	8.904	ng	99
83) Chrysene	14.098	228	1076915	44.049	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	722253	51.410	ng	99
85) Di-n-octyl phthalate	14.669	149	1156306	45.494	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	1219041	41.464	ng	100
88) Benzo(b)fluoranthene	15.121	252	1168207	46.856	ng	99
89) Benzo(k)fluoranthene	15.151	252	987950	43.322	ng	100
90) Benzo(a)pyrene	15.498	252	1023759	44.850	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	988821	41.441	ng	99
92) Benzo(g,h,i)perylene	17.527	276	978093	40.775	ng	99

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

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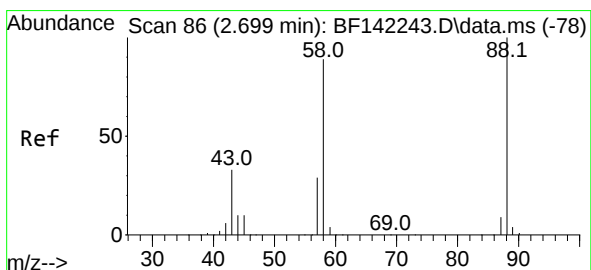
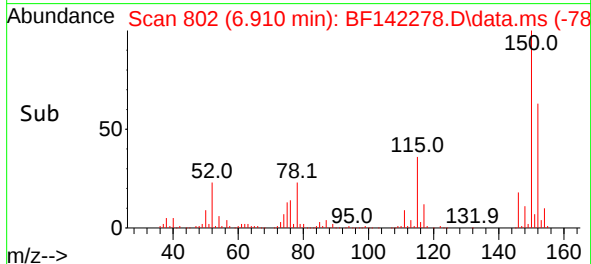
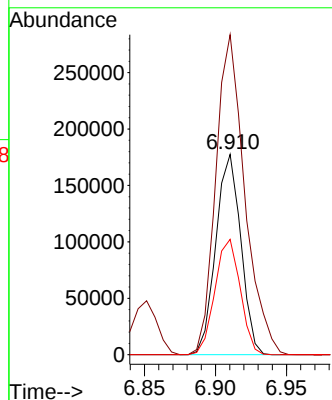
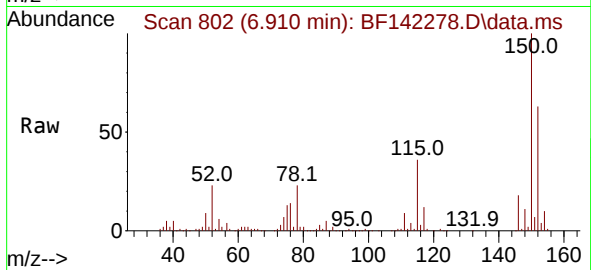




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF142278.D
 Acq: 02 May 2025 12:55

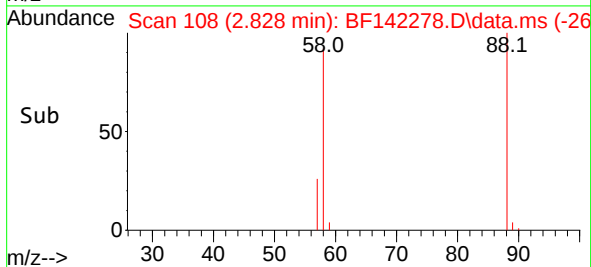
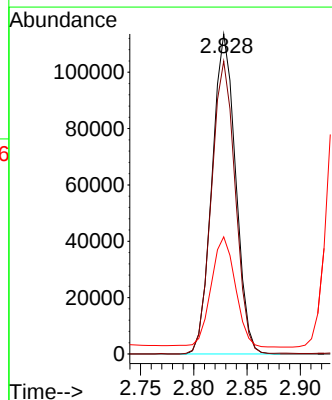
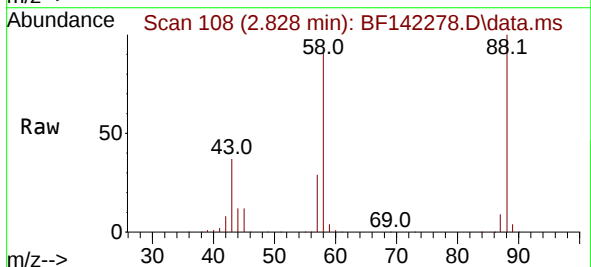
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 B-167-SB01MSD

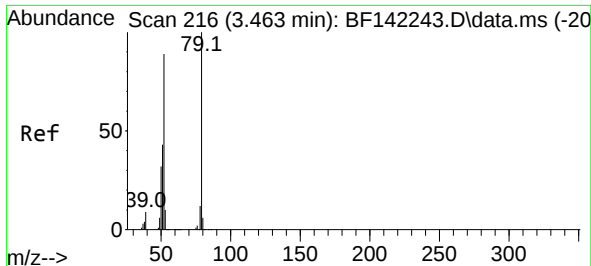
Tgt Ion:152 Resp: 217028
 Ion Ratio Lower Upper
 152 100
 150 159.7 130.2 195.2
 115 57.6 47.0 70.4



#2
 1,4-Dioxane
 Concen: 28.773 ng
 RT: 2.828 min Scan# 108
 Delta R.T. 0.129 min
 Lab File: BF142278.D
 Acq: 02 May 2025 12:55

Tgt Ion: 88 Resp: 174625
 Ion Ratio Lower Upper
 88 100
 58 92.4 72.2 108.2
 43 0.0 27.0 40.6

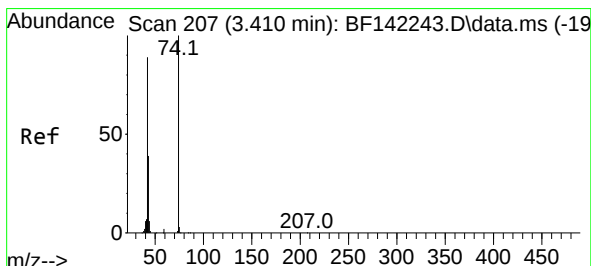
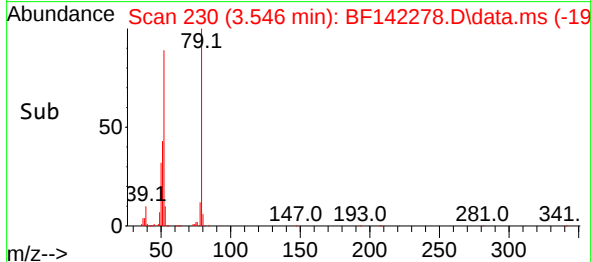
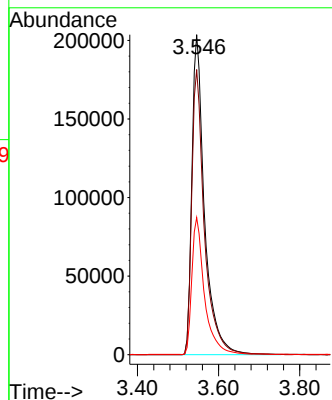
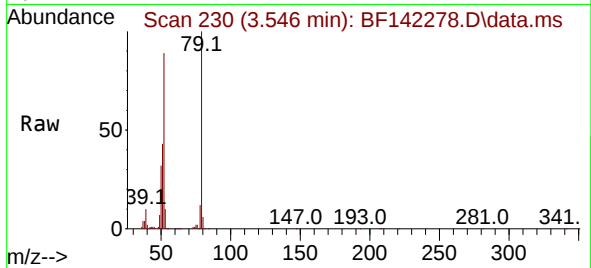




#3
Pyridine
Concen: 27.973 ng
RT: 3.546 min Scan# 21
Delta R.T. 0.082 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

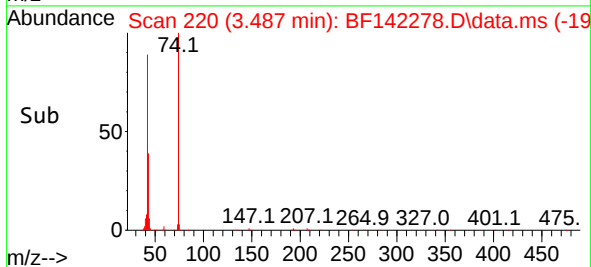
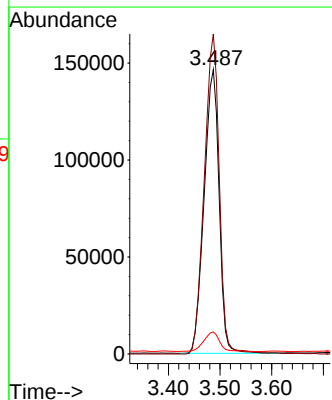
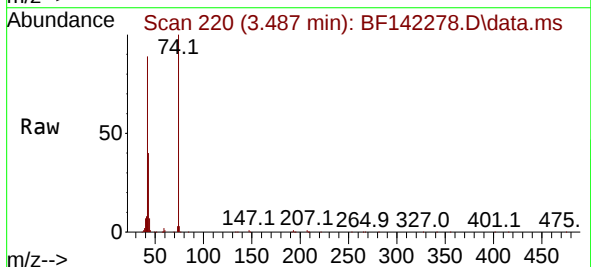
Instrument :
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ClientSampleId :
B-167-SB01MSD

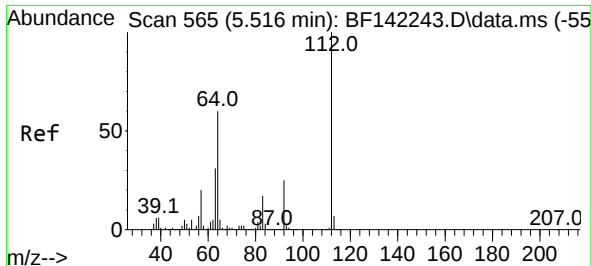
Tgt Ion: 79 Resp: 441222
Ion Ratio Lower Upper
79 100
52 89.1 71.5 107.3
51 42.8 34.5 51.7



#4
n-Nitrosodimethylamine
Concen: 36.032 ng
RT: 3.487 min Scan# 220
Delta R.T. 0.076 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Tgt Ion: 42 Resp: 294114
Ion Ratio Lower Upper
42 100
74 112.6 89.5 134.3
44 7.7 6.6 9.8

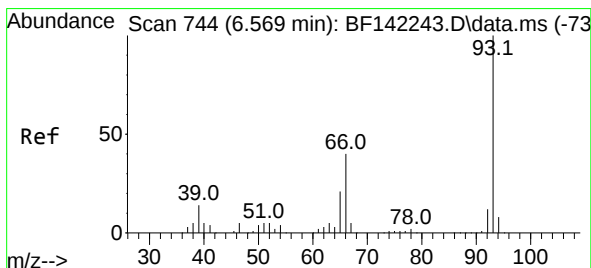
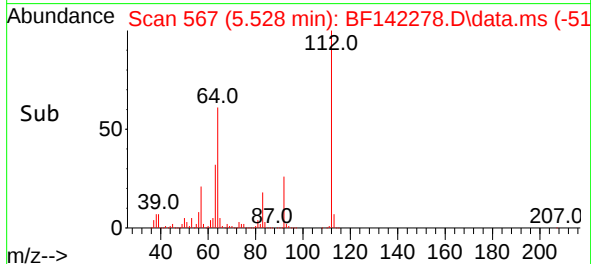
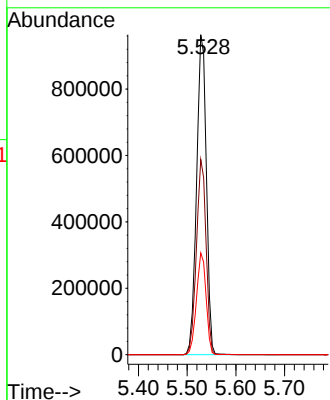
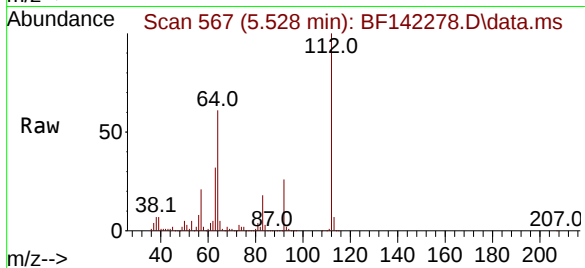




#5
2-Fluorophenol
Concen: 99.440 ng
RT: 5.528 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

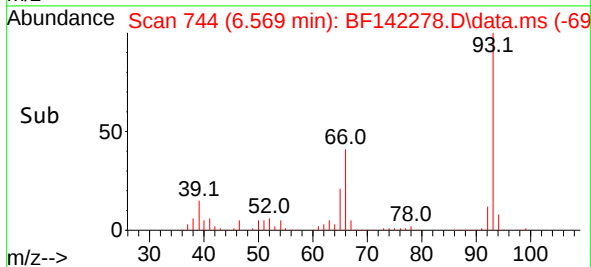
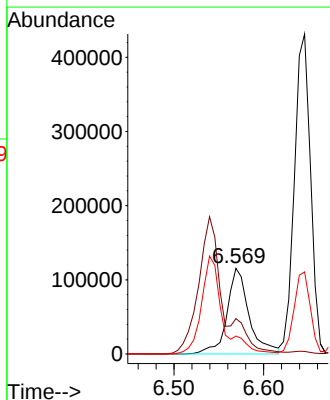
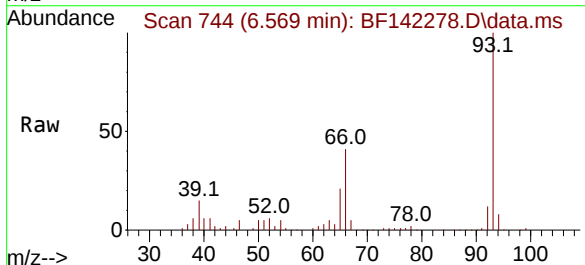
Instrument :
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ClientSampleId :
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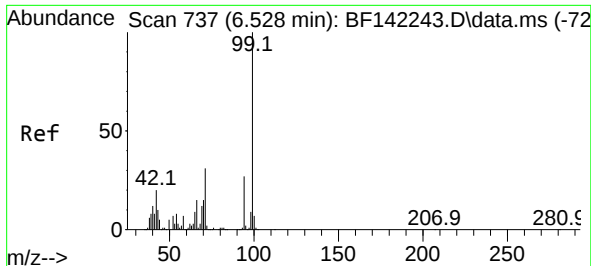
Tgt Ion:112 Resp: 1351308
Ion Ratio Lower Upper
112 100
64 61.0 48.4 72.6
63 31.8 24.8 37.2



#6
Aniline
Concen: 8.499 ng
RT: 6.569 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Tgt Ion: 93 Resp: 197398
Ion Ratio Lower Upper
93 100
66 41.3 32.1 48.1
65 21.0 16.6 24.8

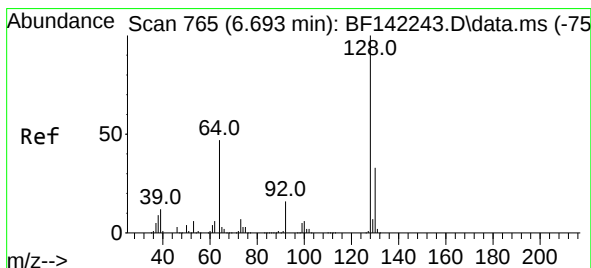
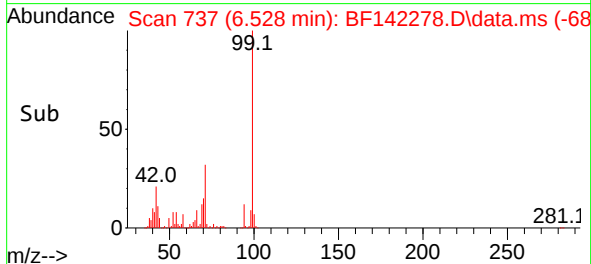
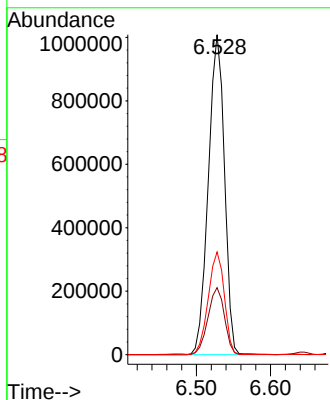
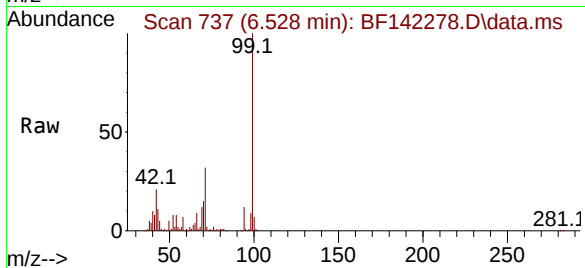




#7
Phenol-d6
Concen: 92.834 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

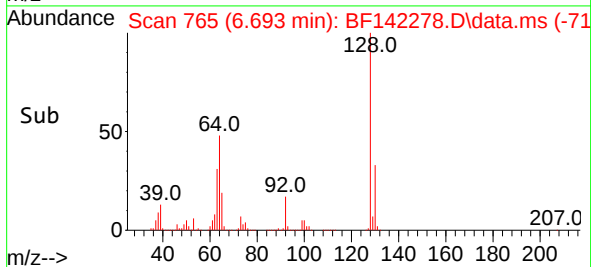
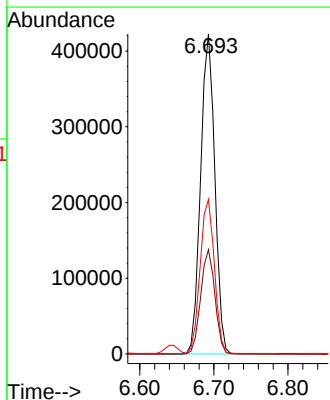
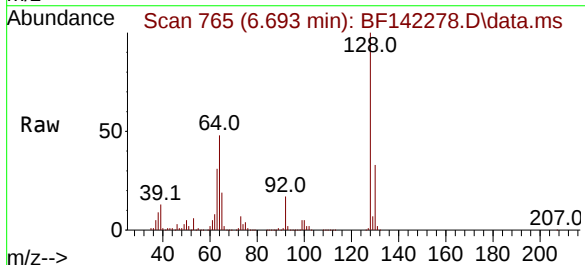
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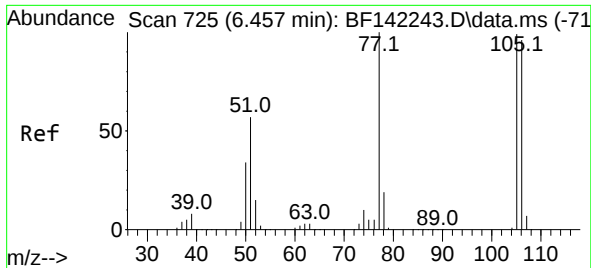
Tgt Ion: 99 Resp: 1523396
Ion Ratio Lower Upper
99 100
42 21.0 16.3 24.5
71 32.1 25.0 37.4



#8
2-Chlorophenol
Concen: 40.089 ng
RT: 6.693 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Tgt Ion:128 Resp: 562936
Ion Ratio Lower Upper
128 100
130 32.6 13.1 53.1
64 48.3 28.6 68.6





#9

Benzaldehyde

Concen: 16.038 ng

RT: 6.457 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

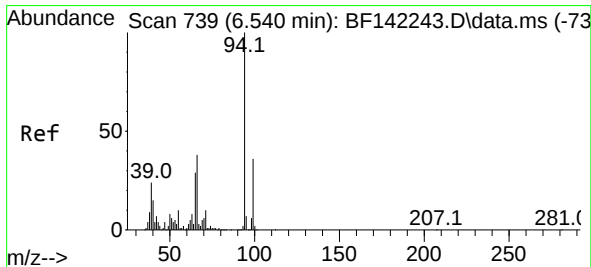
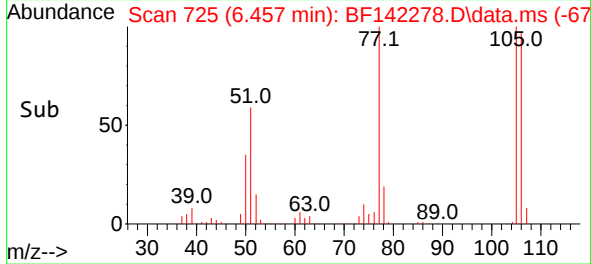
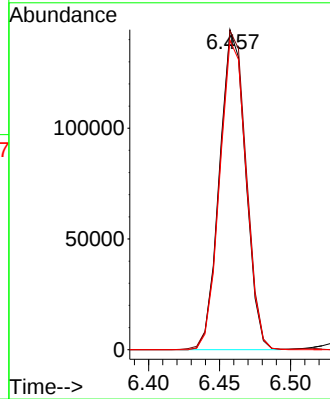
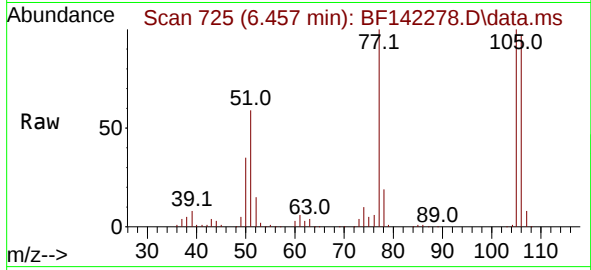
Tgt Ion: 77 Resp: 183950

Ion Ratio Lower Upper

77 100

105 99.6 79.1 119.1

106 96.6 76.0 116.0



#10

Phenol

Concen: 33.023 ng

RT: 6.540 min Scan# 739

Delta R.T. 0.000 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

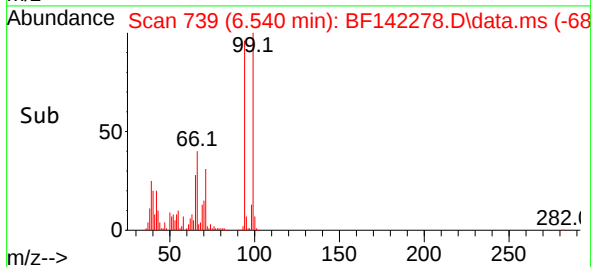
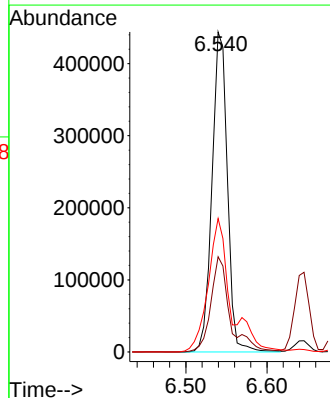
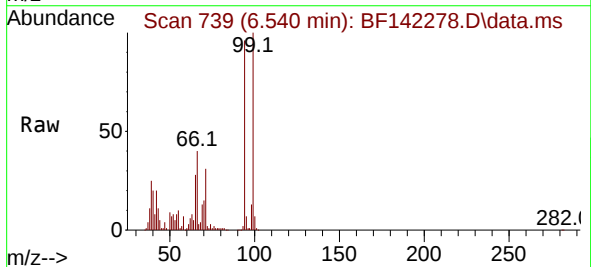
Tgt Ion: 94 Resp: 583397

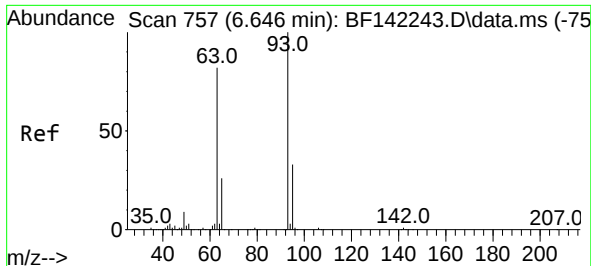
Ion Ratio Lower Upper

94 100

65 29.7 8.9 48.9

66 41.7 18.7 58.7





#11

bis(2-Chloroethyl)ether

Concen: 38.919 ng

RT: 6.646 min Scan# 757

Delta R.T. 0.000 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

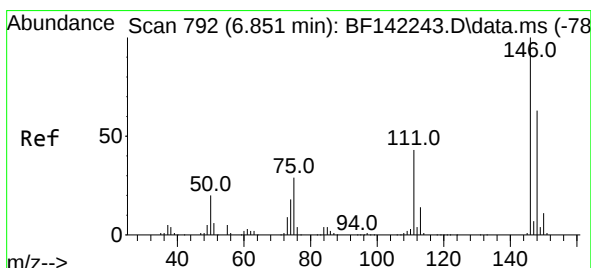
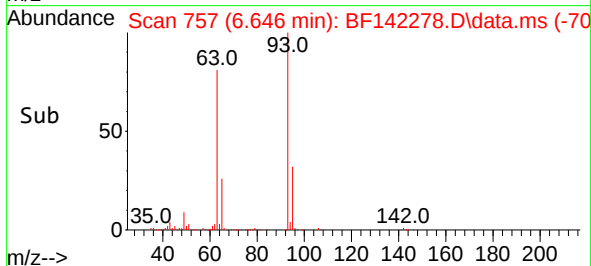
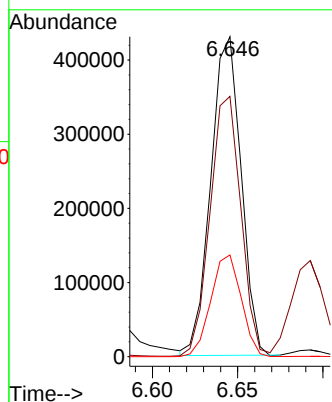
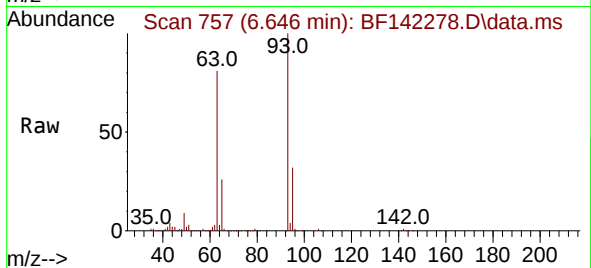
Tgt Ion: 93 Resp: 532809

Ion Ratio Lower Upper

93 100

63 81.3 62.2 102.2

95 31.8 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 34.140 ng

RT: 6.851 min Scan# 792

Delta R.T. 0.000 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

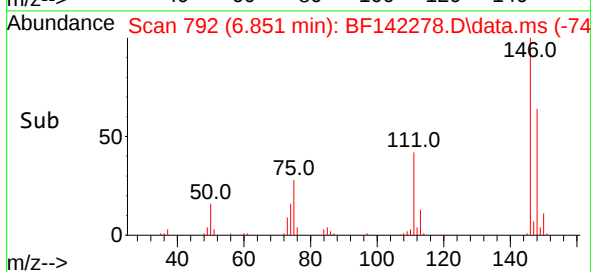
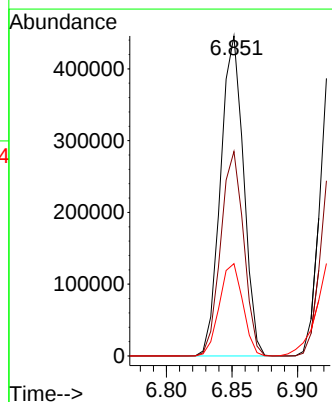
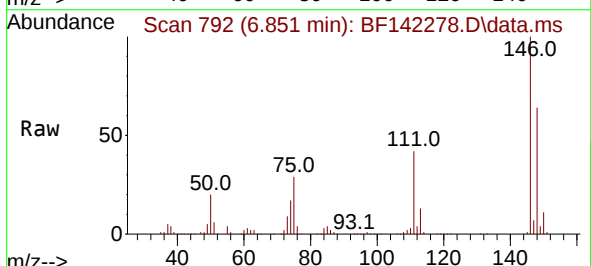
Tgt Ion:146 Resp: 542334

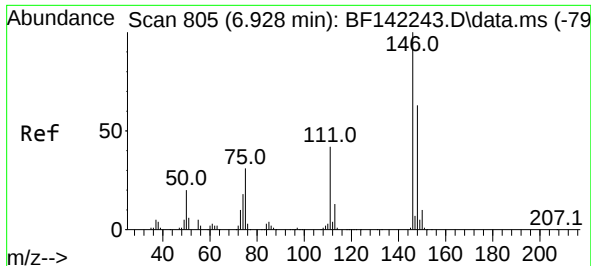
Ion Ratio Lower Upper

146 100

148 63.9 50.5 75.7

75 28.8 23.2 34.8

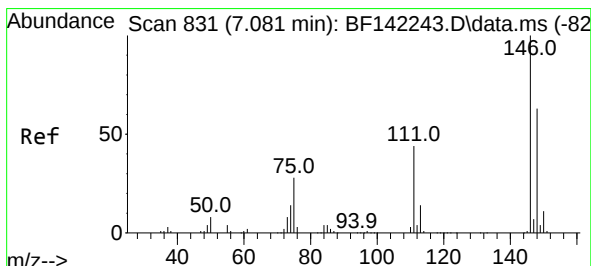
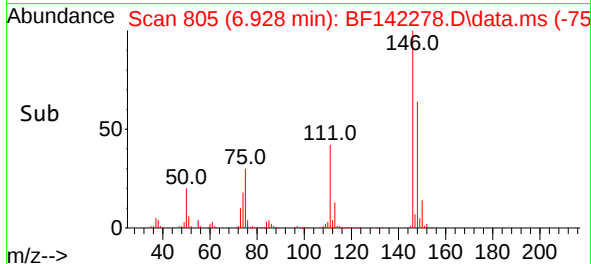
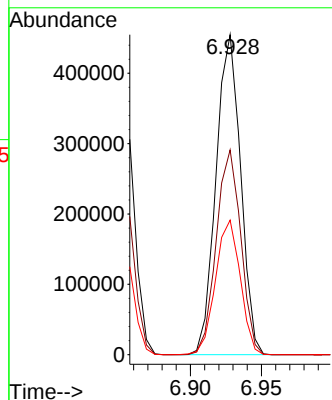
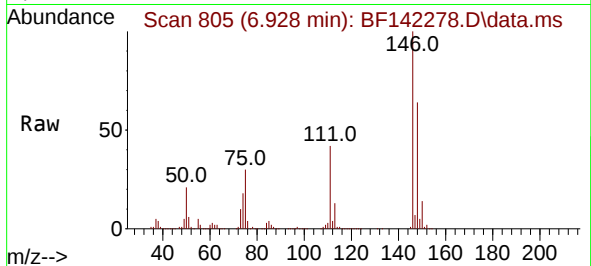




#13
1,4-Dichlorobenzene
Concen: 34.253 ng
RT: 6.928 min Scan# 805
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

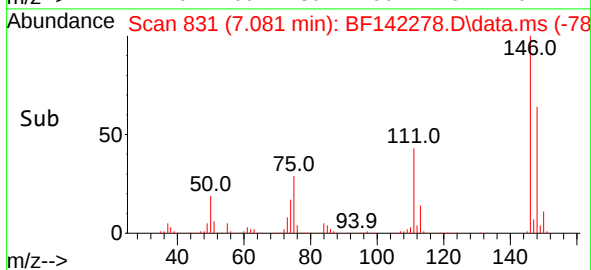
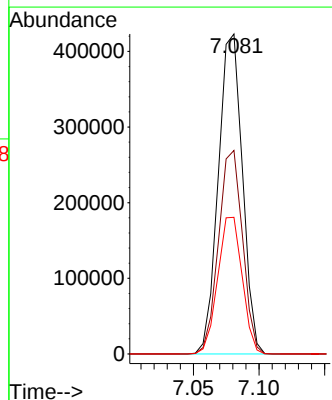
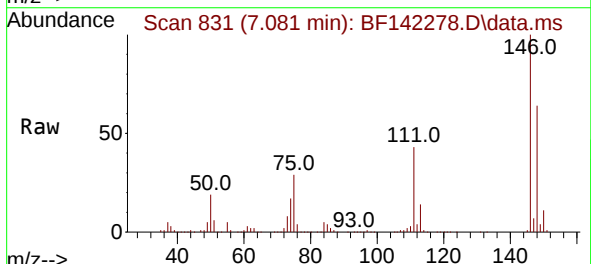
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

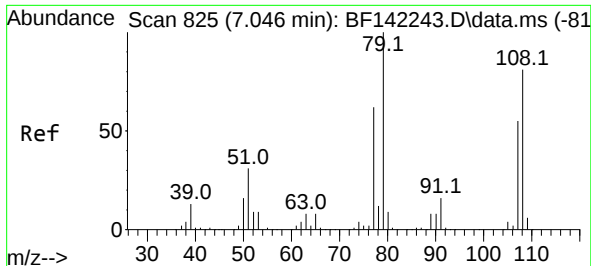
Tgt Ion:146 Resp: 548211
Ion Ratio Lower Upper
146 100
148 64.0 50.6 76.0
111 42.1 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 35.379 ng
RT: 7.081 min Scan# 831
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Tgt Ion:146 Resp: 540561
Ion Ratio Lower Upper
146 100
148 63.6 50.5 75.7
111 42.7 34.9 52.3

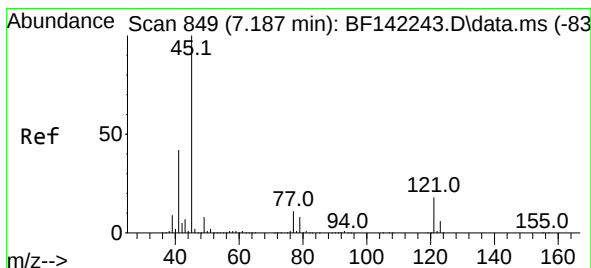
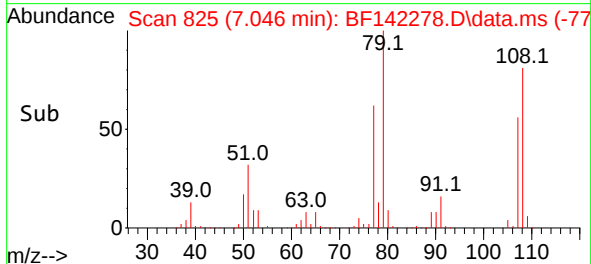
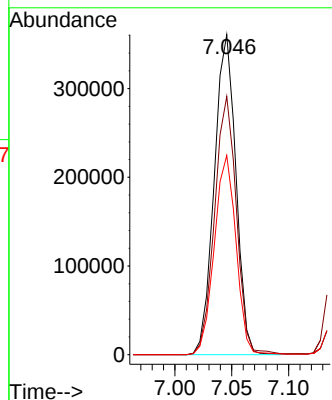
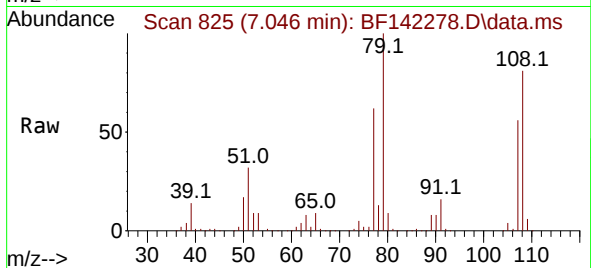




#15
Benzyl Alcohol
Concen: 41.092 ng
RT: 7.046 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

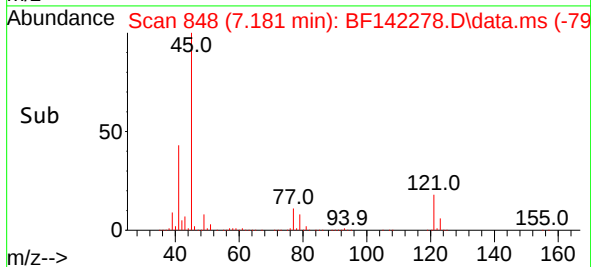
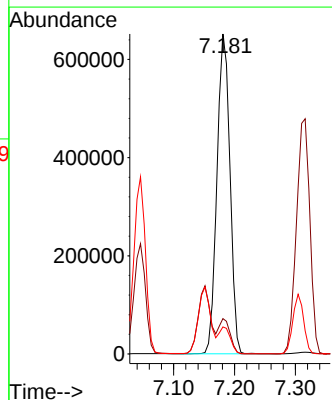
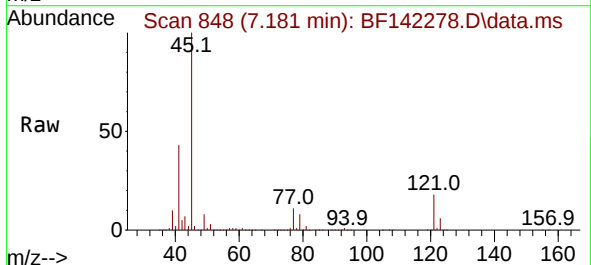
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

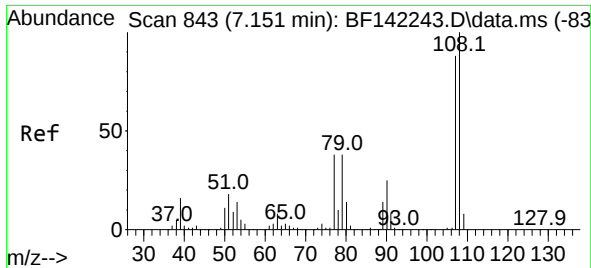
Tgt Ion: 79 Resp: 478246
Ion Ratio Lower Upper
79 100
108 80.7 64.5 96.7
77 62.2 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.874 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

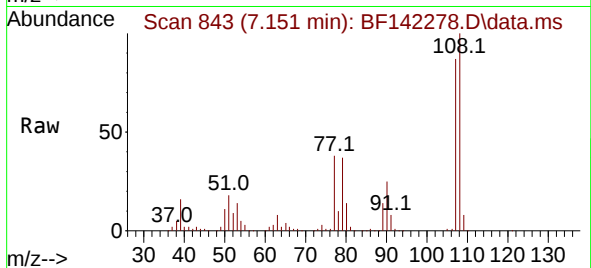
Tgt Ion: 45 Resp: 960997
Ion Ratio Lower Upper
45 100
77 11.0 0.0 31.3
79 8.4 0.0 28.5





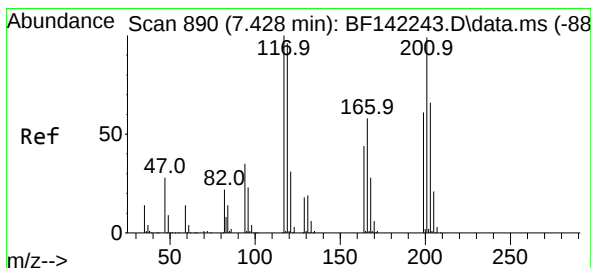
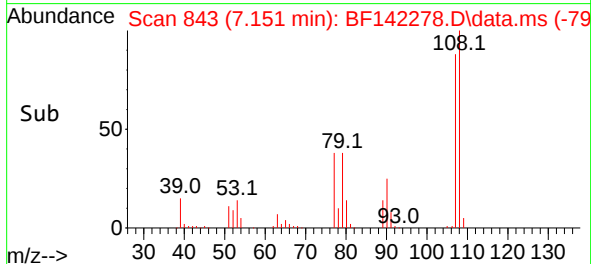
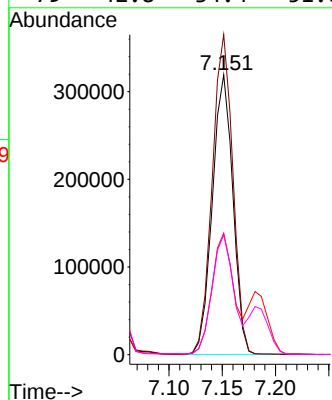
#17
2-Methylphenol
Concen: 37.168 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



Tgt Ion:107 Resp: 427556

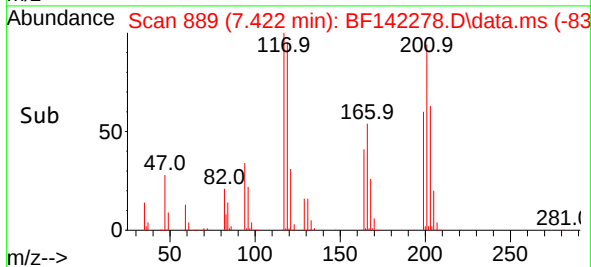
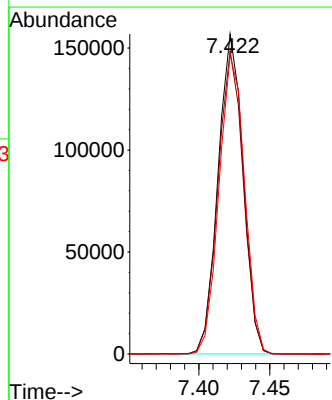
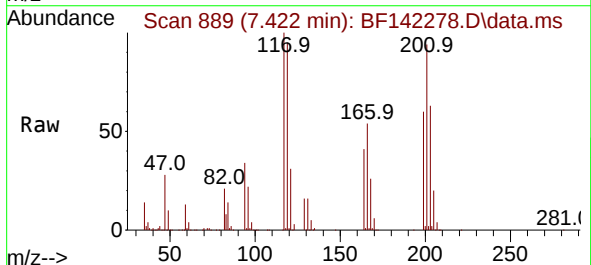
Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.0	136.4
77	43.5	34.4	51.6
79	42.8	34.4	51.6

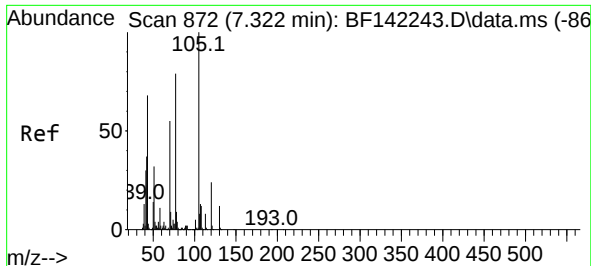


#18
Hexachloroethane
Concen: 36.766 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Tgt Ion:117 Resp: 192593

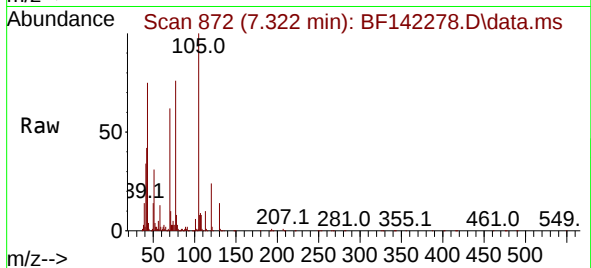
Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.1	115.7
201	93.5	79.4	119.2



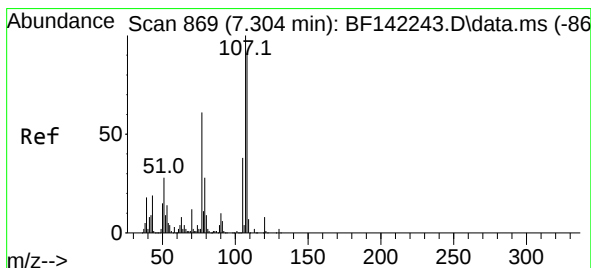
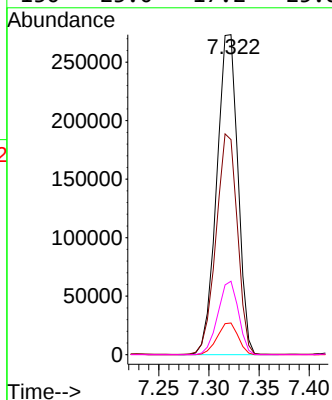
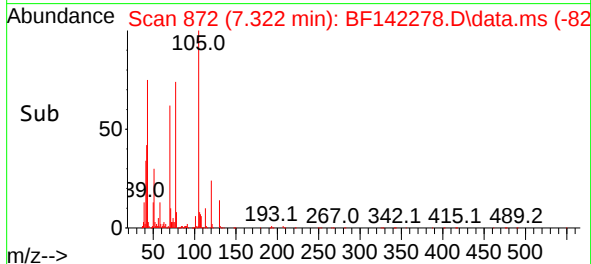


#19
n-Nitroso-di-n-propylamine
Concen: 39.523 ng
RT: 7.322 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

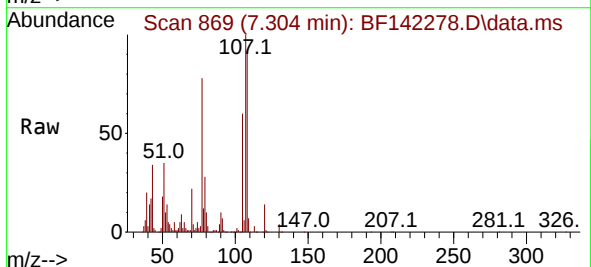
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



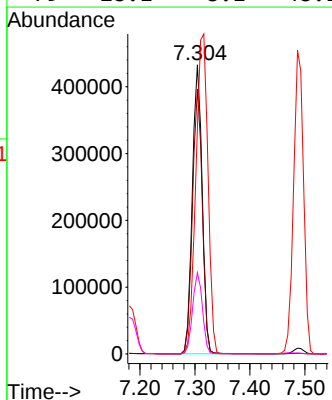
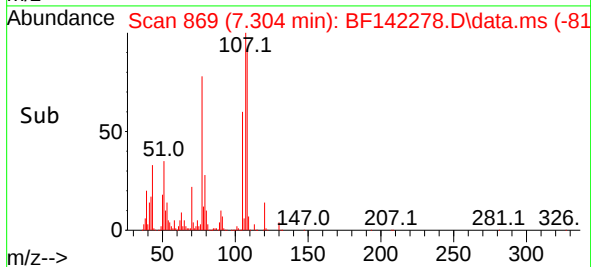
Tgt Ion: 70 Resp: 400784
Ion Ratio Lower Upper
70 100
42 67.2 53.4 80.2
101 9.9 7.7 11.5
130 23.0 17.2 25.8

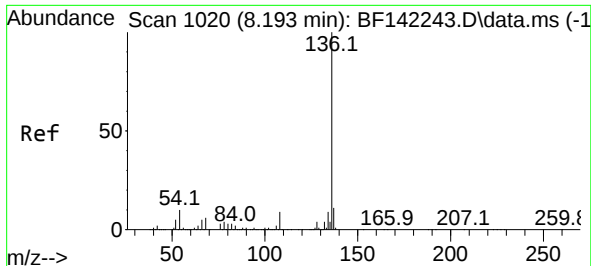


#20
3+4-Methylphenols
Concen: 37.414 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55



Tgt Ion: 107 Resp: 538223
Ion Ratio Lower Upper
107 100
108 91.5 71.2 111.2
77 78.2 41.1 81.1
79 28.1 8.1 48.1



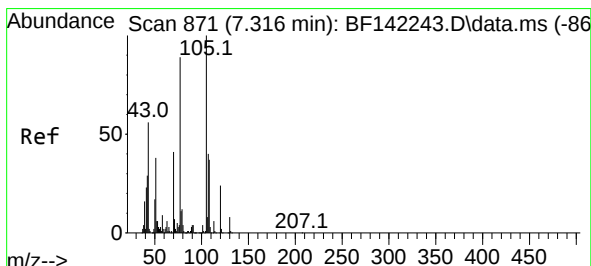
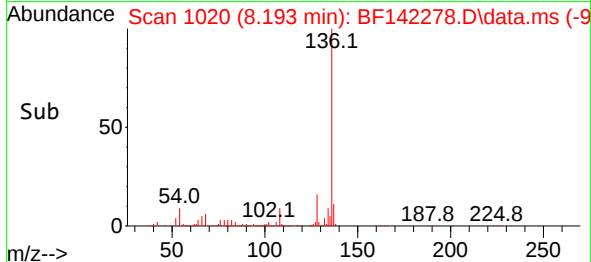
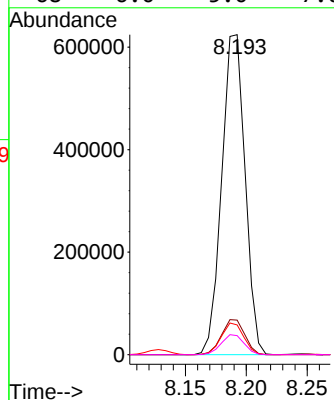
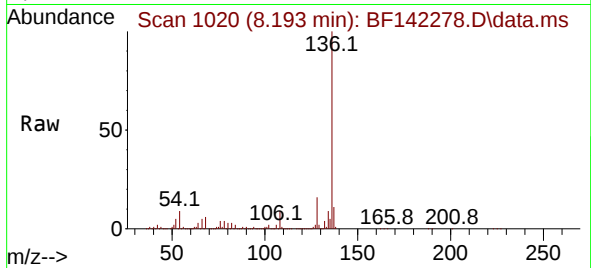


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.193 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

Tgt Ion:136 Resp: 832936

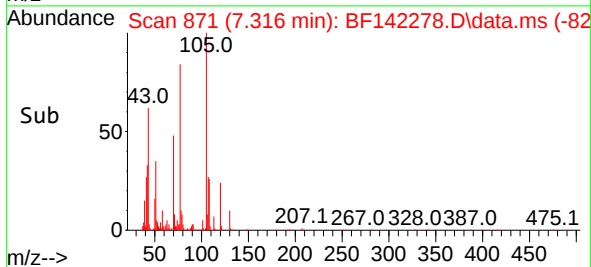
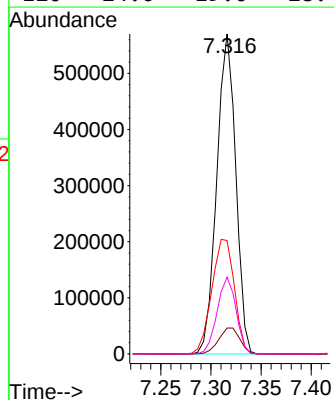
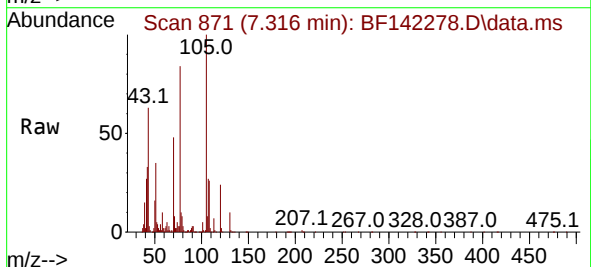
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.3	7.7	11.5
68	6.0	5.0	7.6

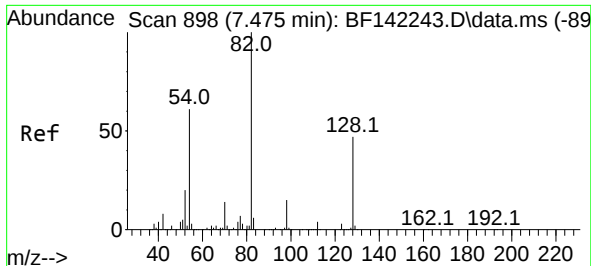


#22
Acetophenone
Concen: 38.819 ng
RT: 7.316 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Tgt Ion:105 Resp: 748030

Ion	Ratio	Lower	Upper
105	100		
71	8.1	5.7	8.5
51	35.4	30.1	45.1
120	24.0	19.0	28.4





#23

Nitrobenzene-d5

Concen: 87.769 ng

RT: 7.469 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

Instrument :

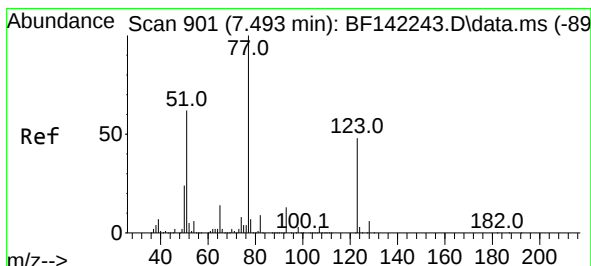
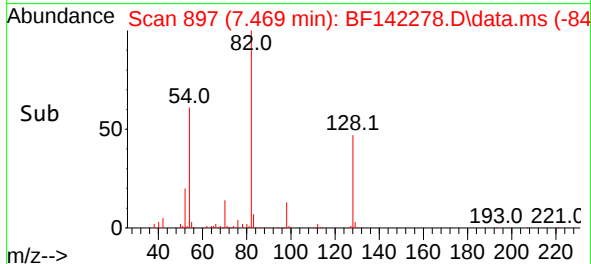
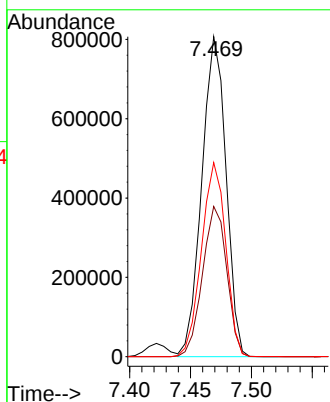
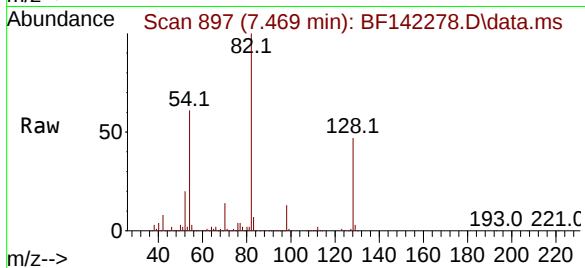
BNA_F

ClientSampleId :

B-167-SB01MSD

Tgt Ion: 82 Resp: 1112775

Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.0	55.6
54	60.6	48.0	72.0



#24

Nitrobenzene

Concen: 45.910 ng

RT: 7.487 min Scan# 900

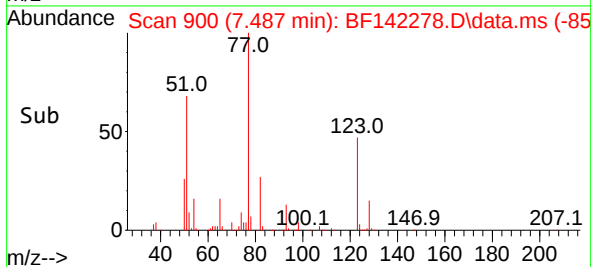
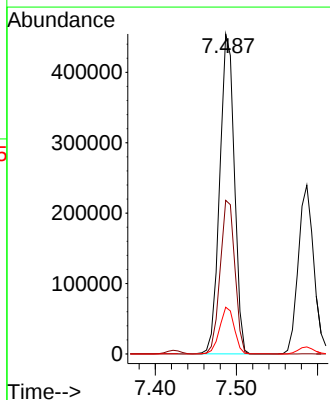
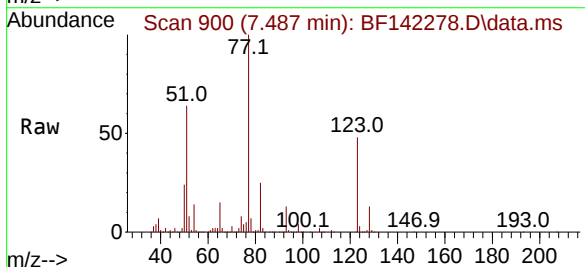
Delta R.T. -0.006 min

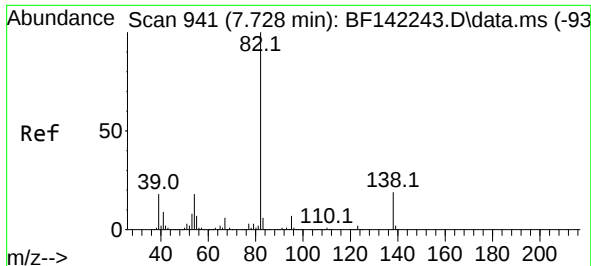
Lab File: BF142278.D

Acq: 02 May 2025 12:55

Tgt Ion: 77 Resp: 571114

Ion	Ratio	Lower	Upper
77	100		
123	48.0	38.6	58.0
65	14.6	11.5	17.3

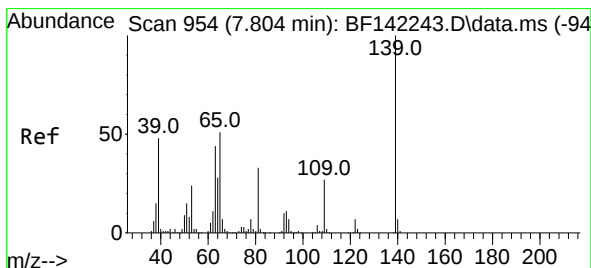
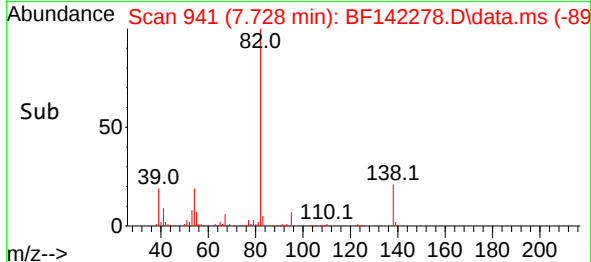
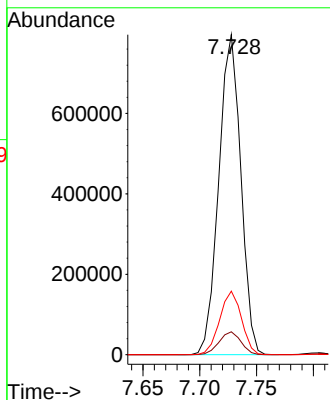
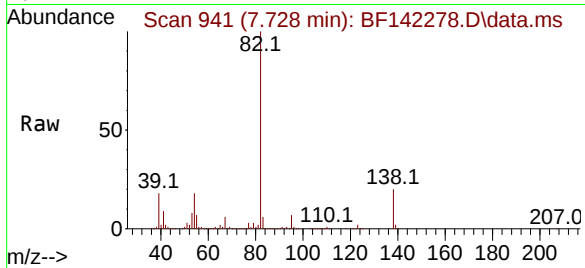




#25
Isophorone
Concen: 40.426 ng
RT: 7.728 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

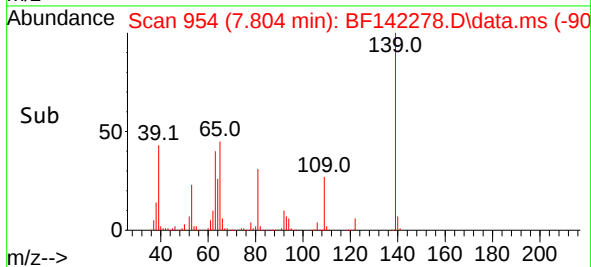
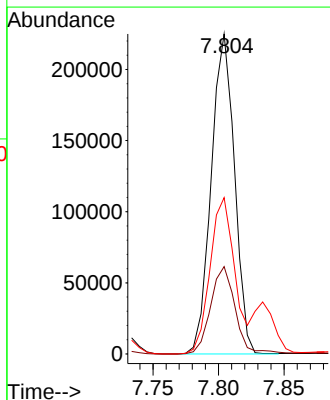
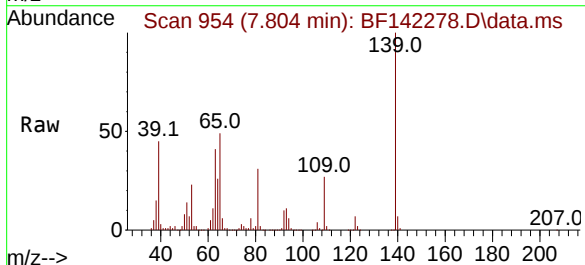
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

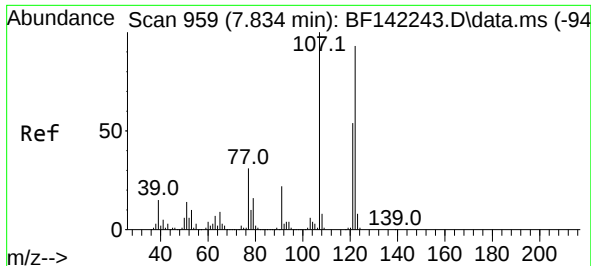
Tgt Ion: 82 Resp: 1075681
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 19.8 15.3 22.9



#26
2-Nitrophenol
Concen: 51.929 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Tgt Ion: 139 Resp: 277477
Ion Ratio Lower Upper
139 100
109 27.3 21.8 32.8
65 48.8 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 36.919 ng

RT: 7.834 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

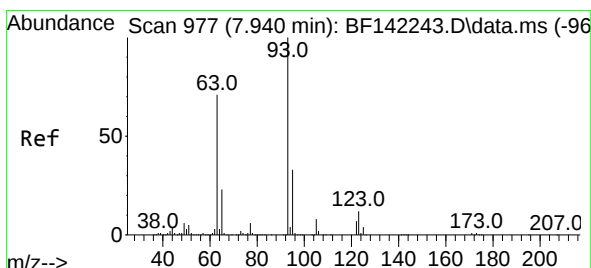
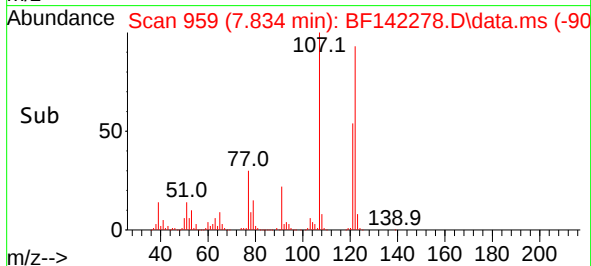
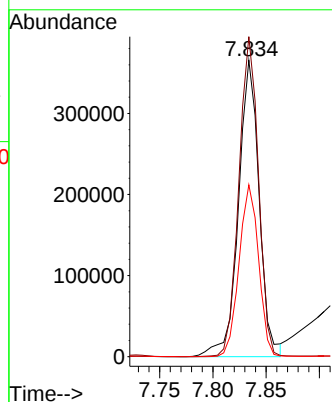
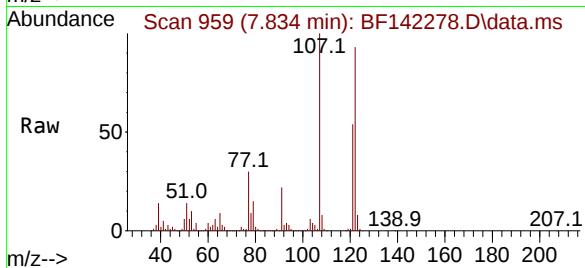
Tgt Ion:122 Resp: 495291

Ion Ratio Lower Upper

122 100

107 107.9 86.0 129.0

121 58.0 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 40.843 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

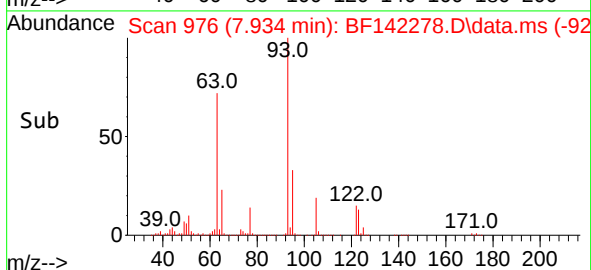
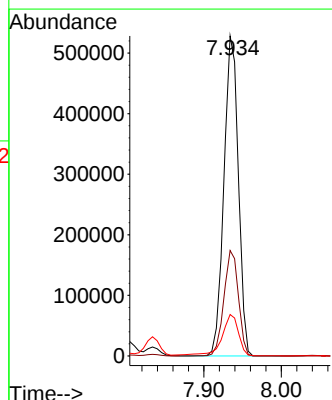
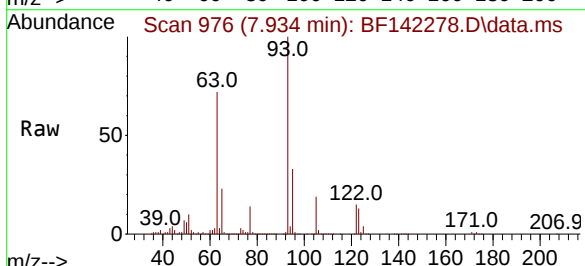
Tgt Ion: 93 Resp: 685392

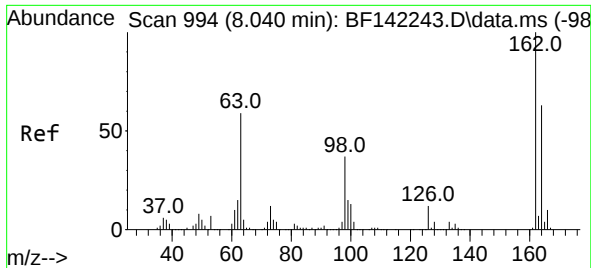
Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.2

123 13.0 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 43.112 ng

RT: 8.040 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

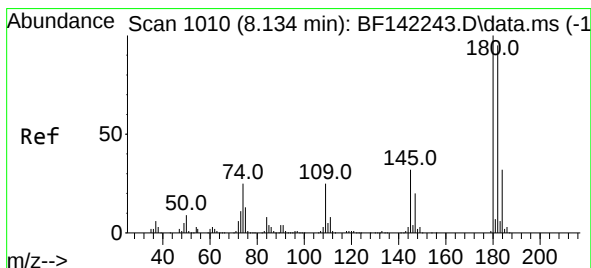
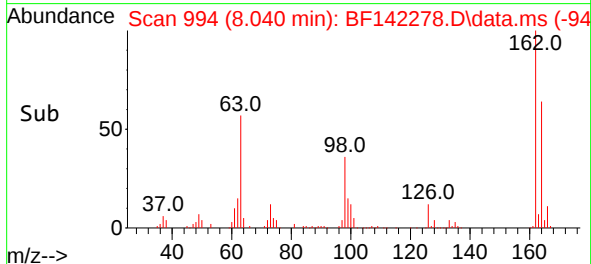
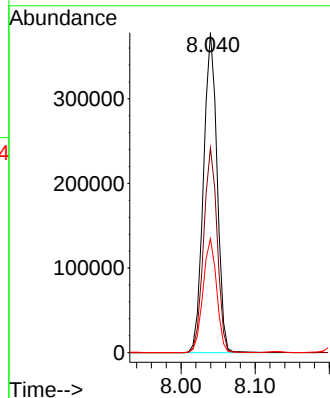
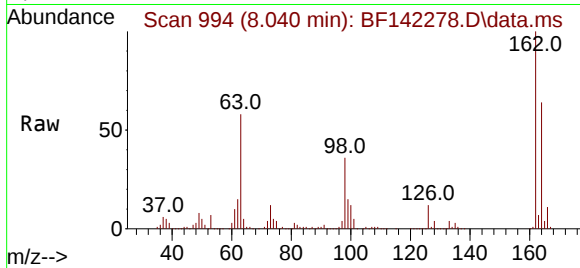
Tgt Ion:162 Resp: 483547

Ion Ratio Lower Upper

162 100

164 64.0 43.0 83.0

98 35.6 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 38.586 ng

RT: 8.128 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

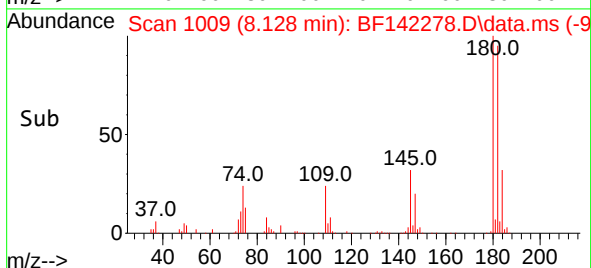
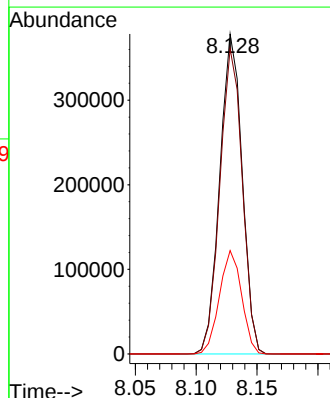
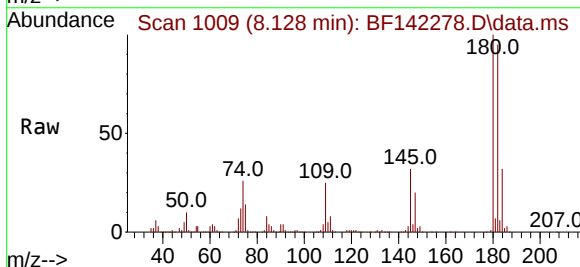
Tgt Ion:180 Resp: 482951

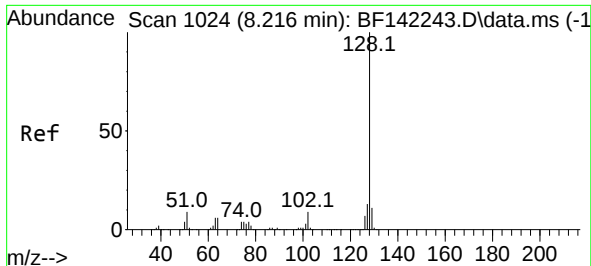
Ion Ratio Lower Upper

180 100

182 95.4 75.7 113.5

145 32.3 25.4 38.0

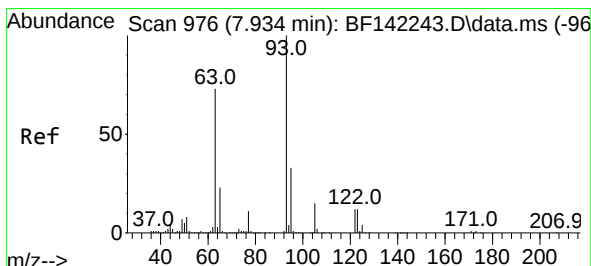
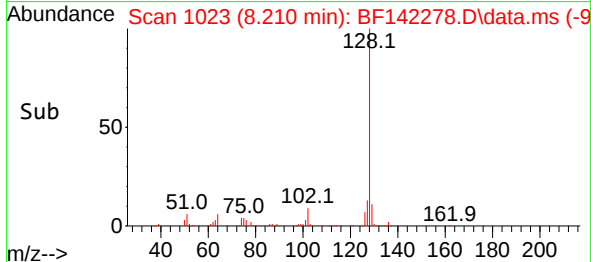
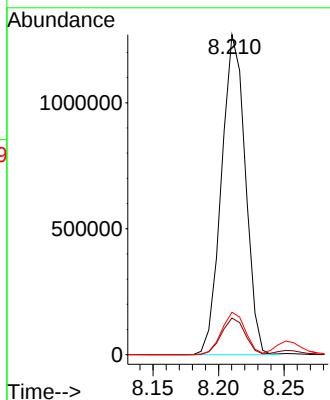
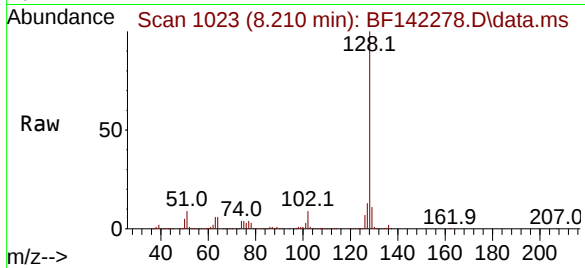




#31
Naphthalene
Concen: 38.745 ng
RT: 8.210 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

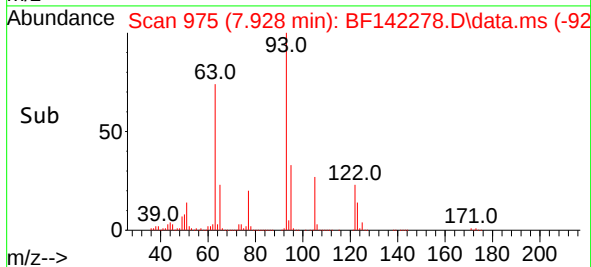
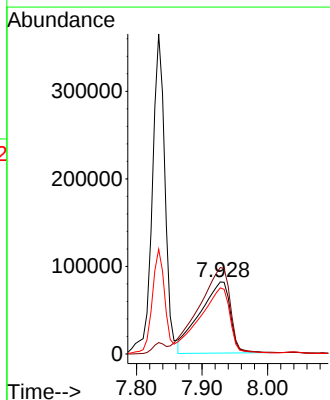
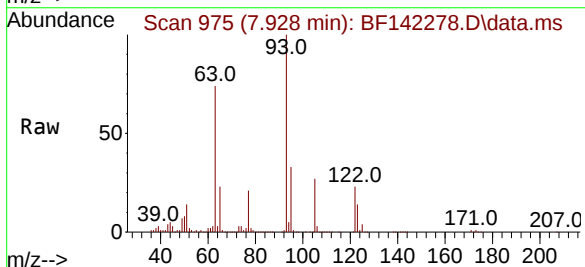
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

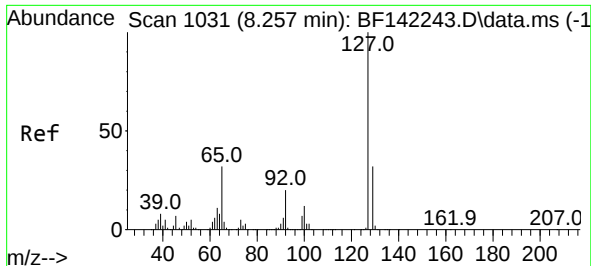
Tgt Ion:128 Resp: 1609412
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 42.769 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Tgt Ion:122 Resp: 263320
Ion Ratio Lower Upper
122 100
105 119.9 98.2 138.2
77 91.8 66.8 106.8

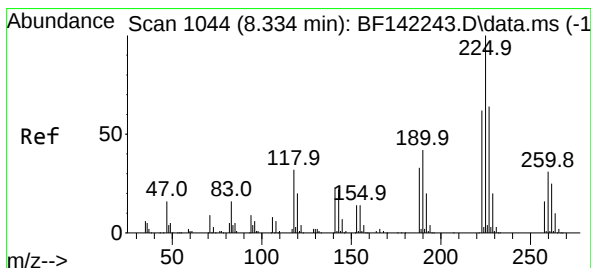
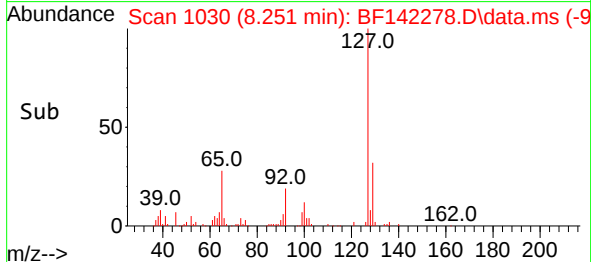
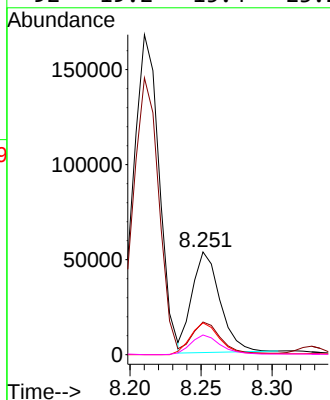
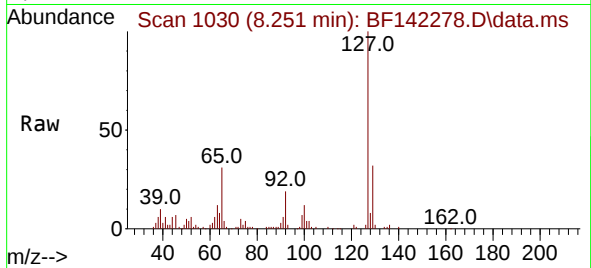




#33
4-Chloroaniline
Concen: 4.193 ng
RT: 8.251 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

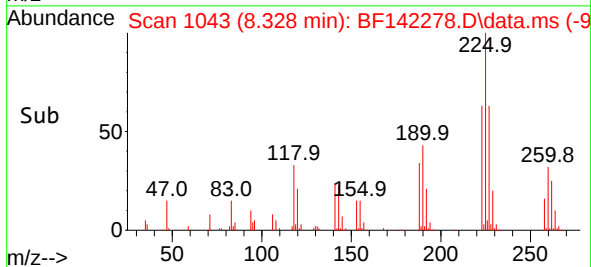
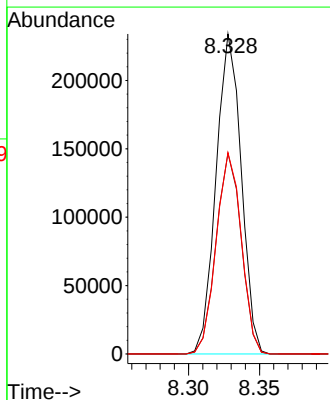
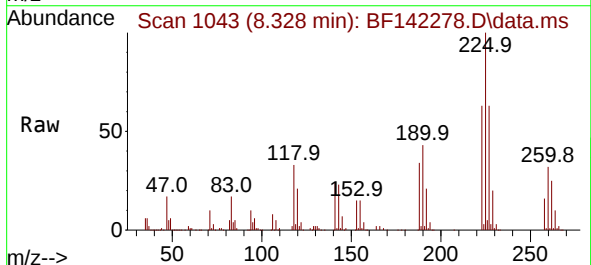
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

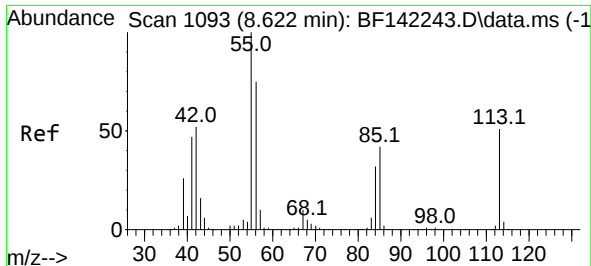
Tgt Ion:127	Resp:	72531
Ion Ratio	Lower	Upper
127	100	
129	31.9	26.1 39.1
65	31.0	25.5 38.3
92	19.2	15.4 23.2



#34
Hexachlorobutadiene
Concen: 39.436 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Tgt Ion:225	Resp:	287976
Ion Ratio	Lower	Upper
225	100	
223	62.7	49.7 74.5
227	62.9	51.0 76.4

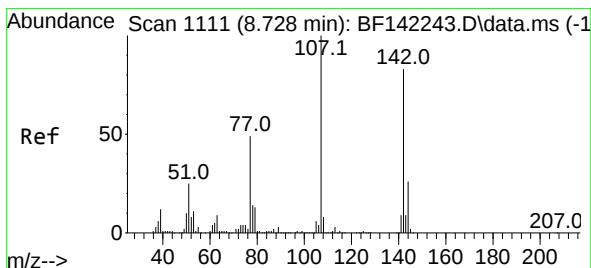
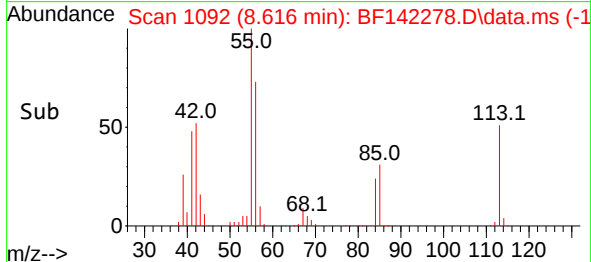
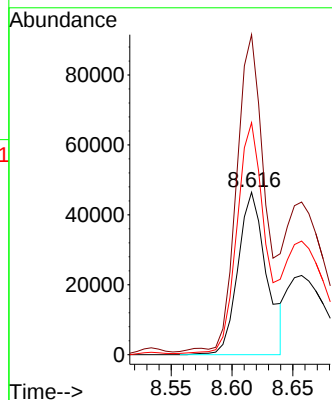
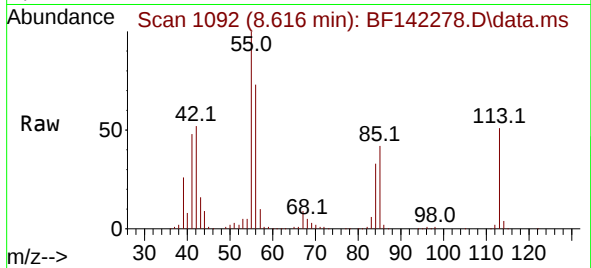




#35
Caprolactam
Concen: 22.440 ng
RT: 8.616 min Scan# 11092
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

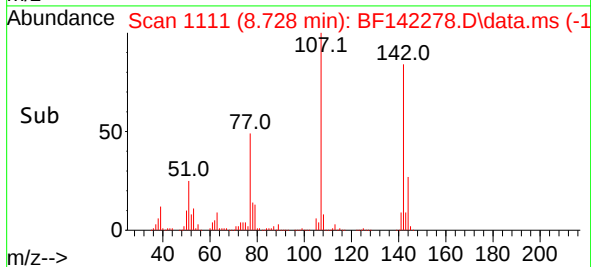
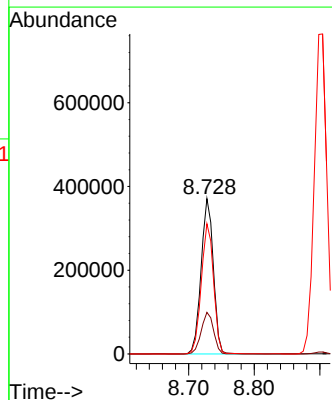
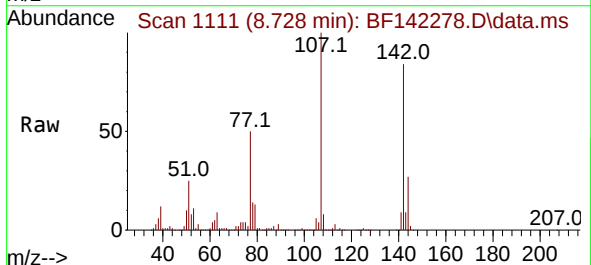
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

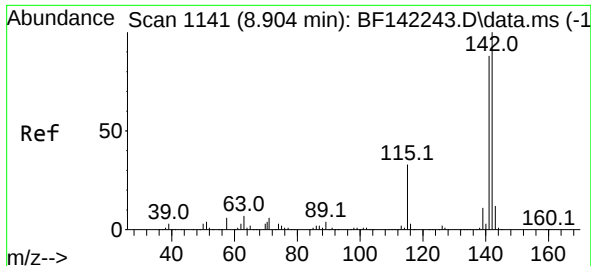
Tgt Ion:113 Resp: 75651
Ion Ratio Lower Upper
113 100
55 197.1 177.7 217.7
56 142.9 127.1 167.1



#36
4-Chloro-3-methylphenol
Concen: 42.095 ng
RT: 8.728 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Tgt Ion:107 Resp: 484815
Ion Ratio Lower Upper
107 100
144 26.8 21.0 31.4
142 83.9 66.1 99.1





#37

2-Methylnaphthalene

Concen: 39.656 ng

RT: 8.904 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

Instrument :

BNA_F

ClientSampleId :

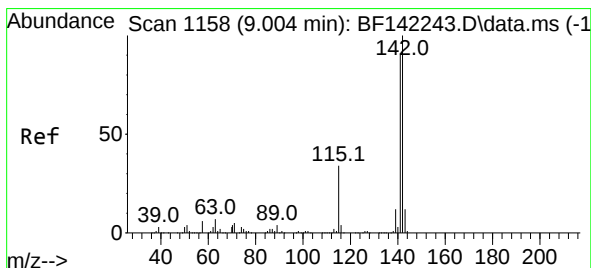
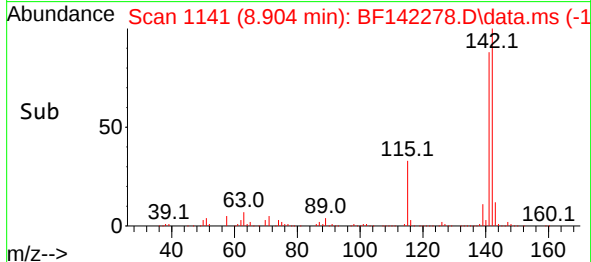
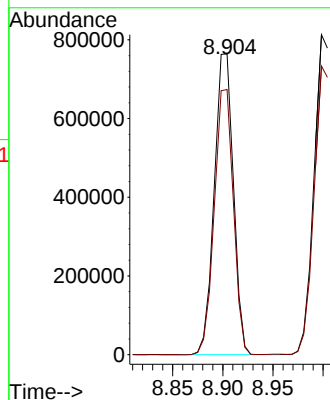
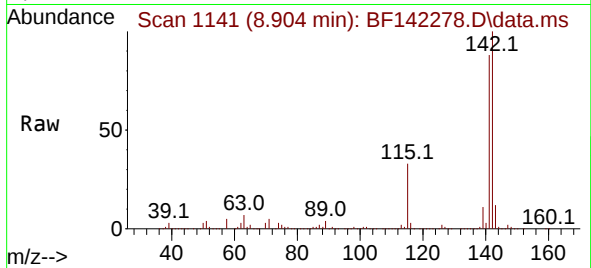
B-167-SB01MSD

Tgt Ion:142 Resp: 1012785

Ion Ratio Lower Upper

142 100

141 88.1 70.5 105.7



#38

1-Methylnaphthalene

Concen: 40.276 ng

RT: 8.998 min Scan# 1157

Delta R.T. -0.006 min

Lab File: BF142278.D

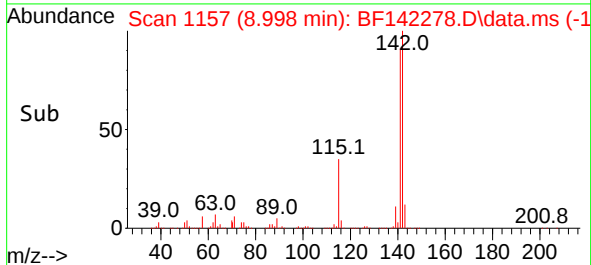
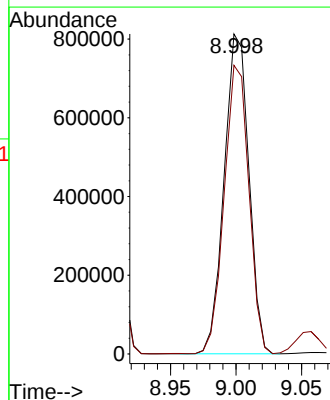
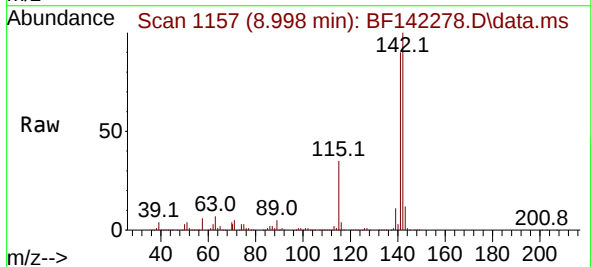
Acq: 02 May 2025 12:55

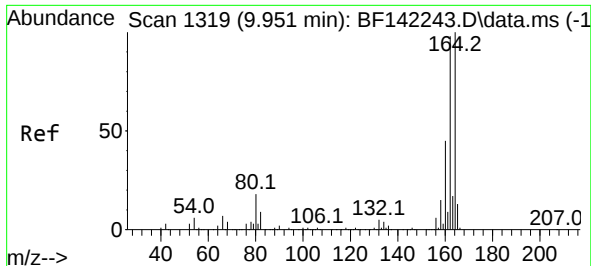
Tgt Ion:142 Resp: 1065609

Ion Ratio Lower Upper

142 100

141 90.2 72.8 109.2

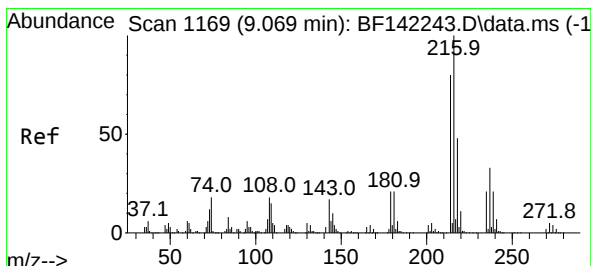
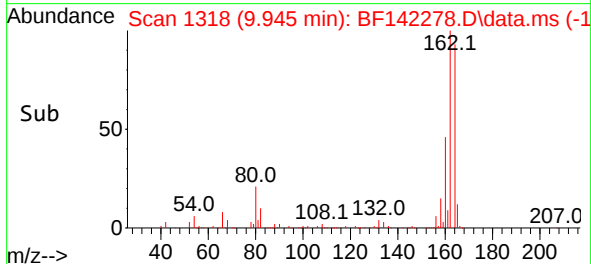
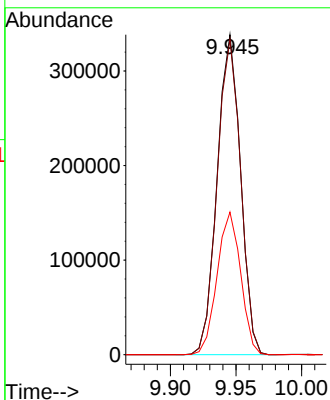
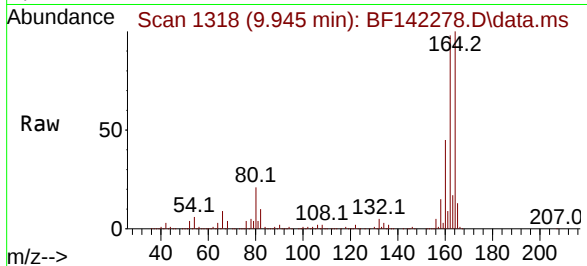




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

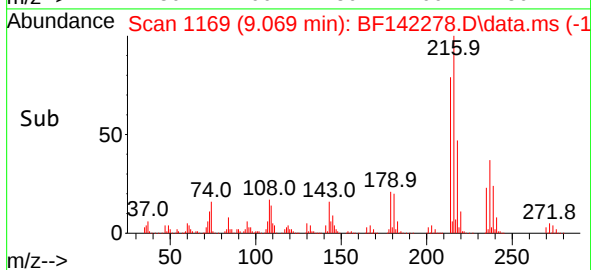
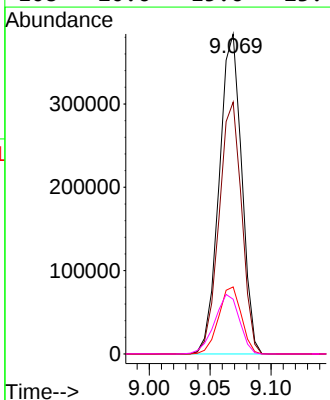
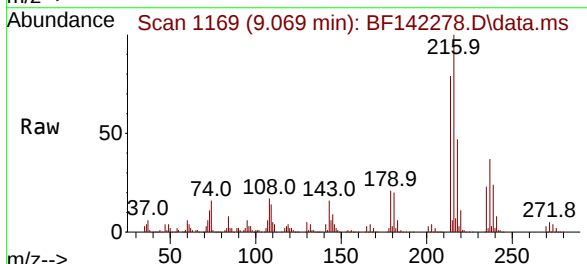
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

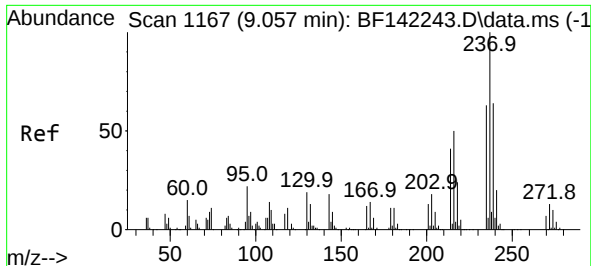
Tgt Ion:164 Resp: 419407
Ion Ratio Lower Upper
164 100
162 98.5 78.6 117.8
160 44.5 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.817 ng
RT: 9.069 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Tgt Ion:216 Resp: 493589
Ion Ratio Lower Upper
216 100
214 79.0 63.8 95.6
179 21.2 16.7 25.1
108 20.6 15.6 23.4

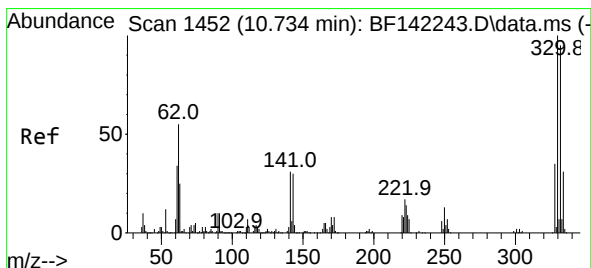
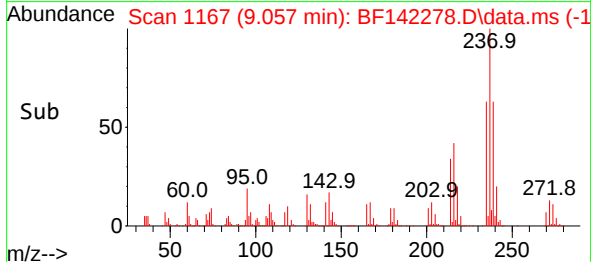
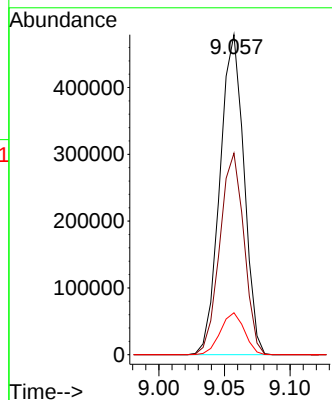
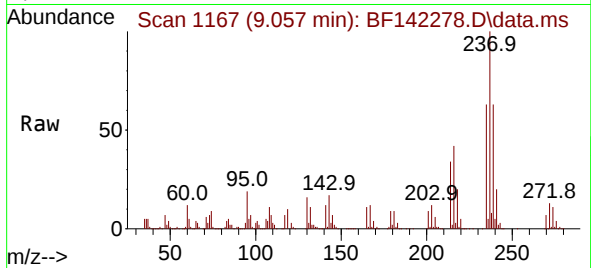




#41
Hexachlorocyclopentadiene
Concen: 91.299 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

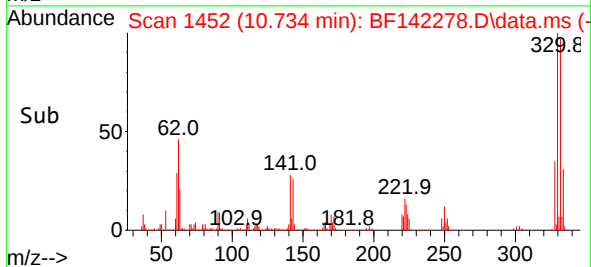
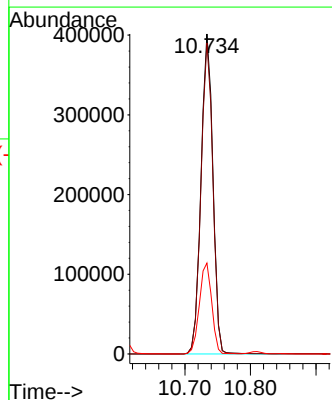
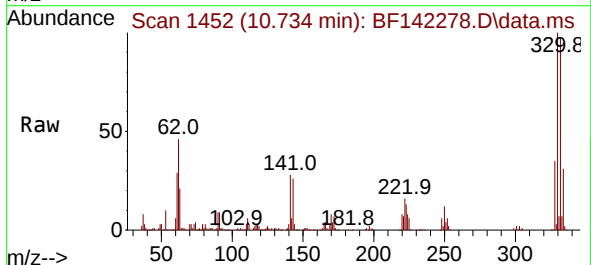
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ClientSampleId :
B-167-SB01MSD

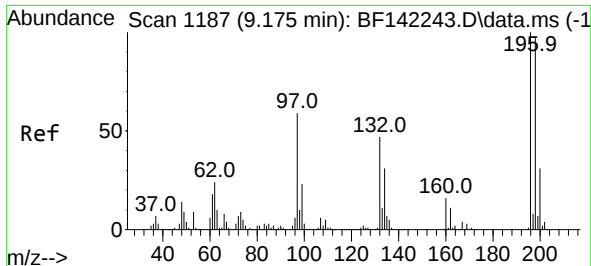
Tgt Ion:237 Resp: 611613
Ion Ratio Lower Upper
237 100
235 63.0 43.5 83.5
272 13.1 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 132.507 ng
RT: 10.734 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Tgt Ion:330 Resp: 506639
Ion Ratio Lower Upper
330 100
332 97.3 76.5 114.7
141 29.5 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 48.009 ng

RT: 9.175 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

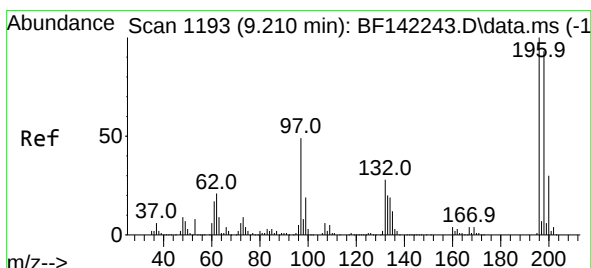
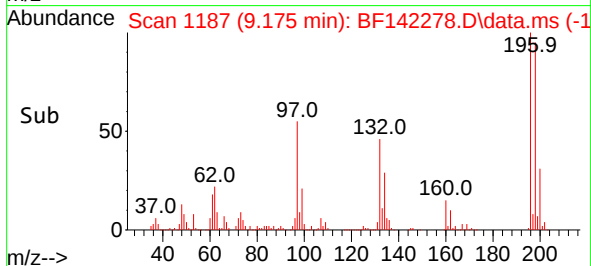
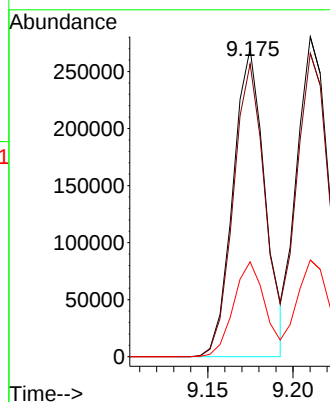
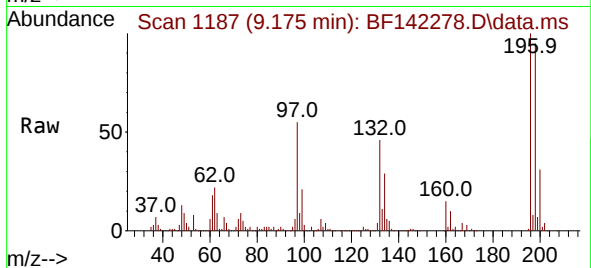
Tgt Ion:196 Resp: 351147

Ion Ratio Lower Upper

196 100

198 95.1 77.4 116.2

200 30.8 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 47.034 ng

RT: 9.210 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

Tgt Ion:196 Resp: 361688

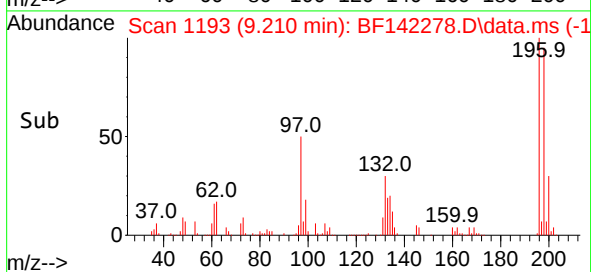
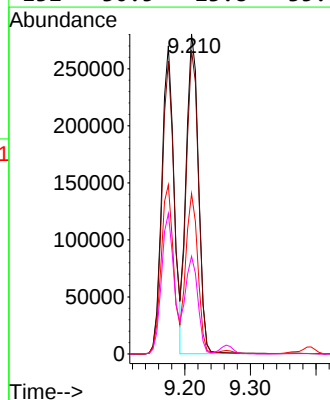
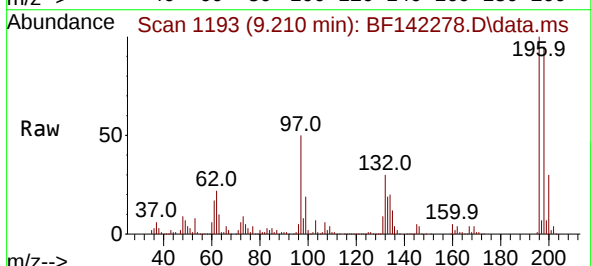
Ion Ratio Lower Upper

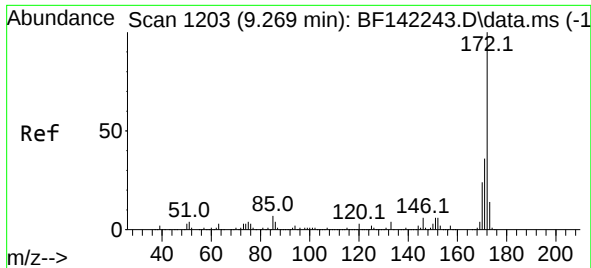
196 100

198 94.8 75.2 112.8

97 50.1 39.8 59.8

132 30.5 23.8 35.8

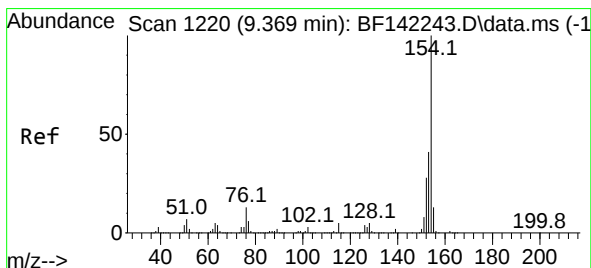
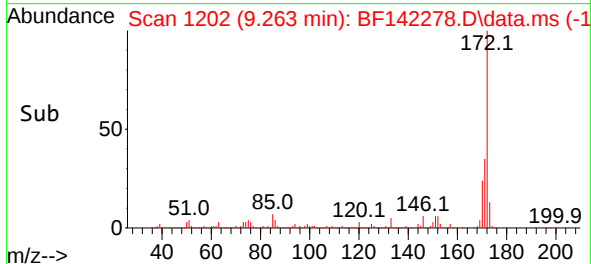
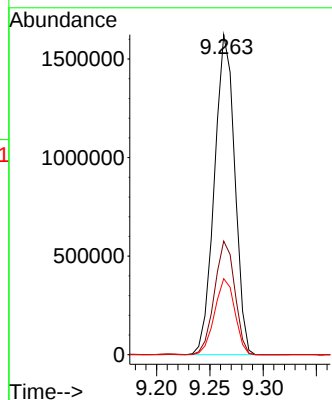
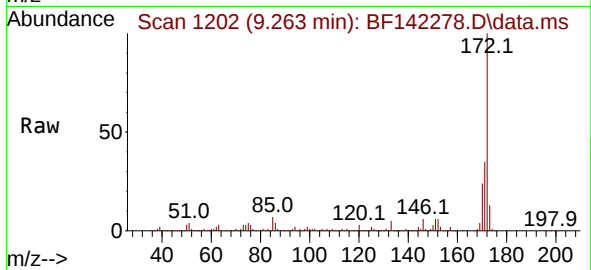




#45
2-Fluorobiphenyl
Concen: 72.323 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

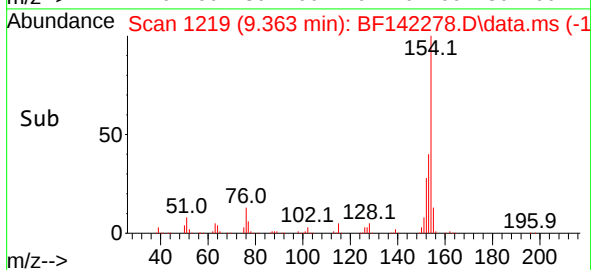
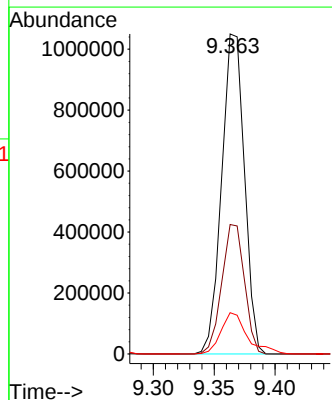
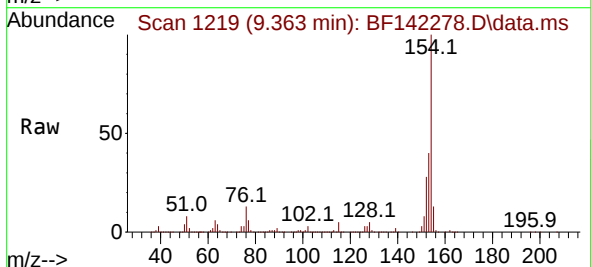
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

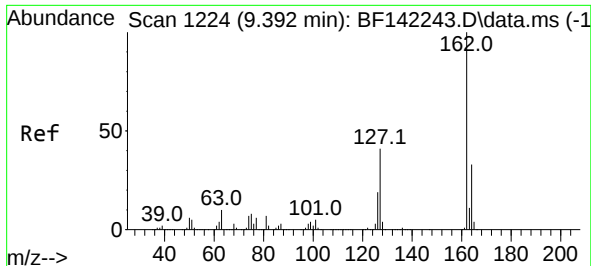
Tgt Ion:172 Resp: 2151303
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.4
170 23.8 19.4 29.0



#46
1,1'-Biphenyl
Concen: 41.970 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Tgt Ion:154 Resp: 1368430
Ion Ratio Lower Upper
154 100
153 40.4 20.5 60.5
76 12.9 0.0 32.8

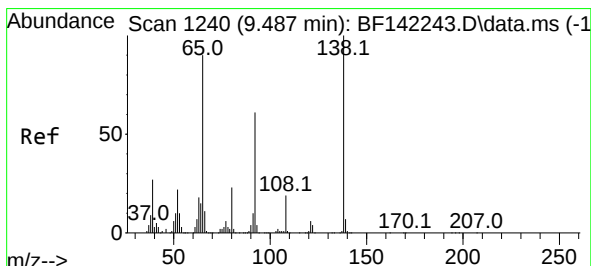
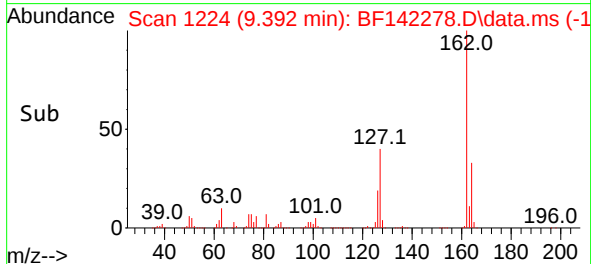
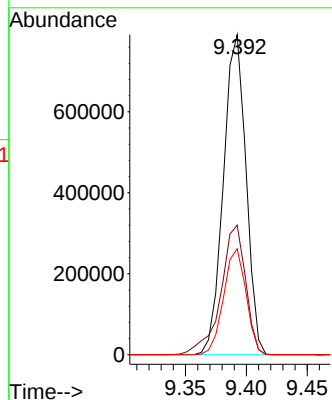
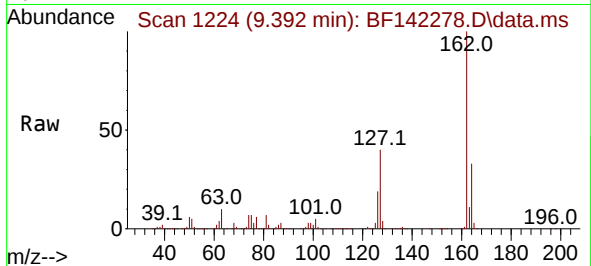




#47
2-Chloronaphthalene
Concen: 42.083 ng
RT: 9.392 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

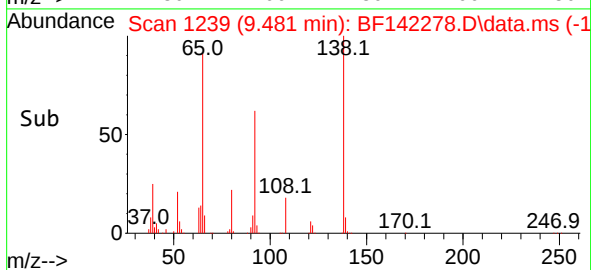
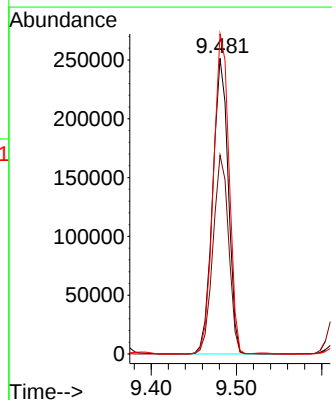
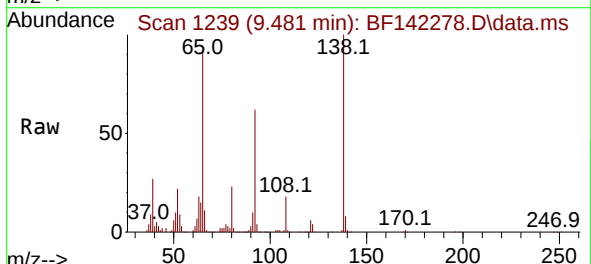
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

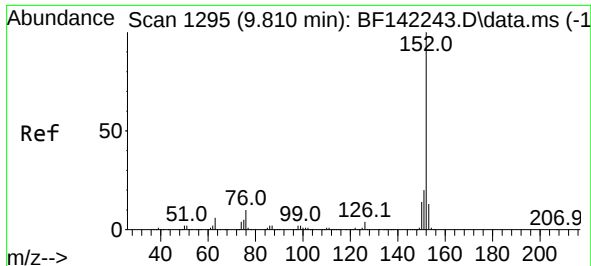
Tgt Ion:162 Resp: 1020867
Ion Ratio Lower Upper
162 100
127 40.5 32.6 49.0
164 33.1 26.1 39.1



#48
2-Nitroaniline
Concen: 49.782 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Tgt Ion: 65 Resp: 319718
Ion Ratio Lower Upper
65 100
92 67.2 54.3 81.5
138 108.2 88.6 133.0





#49

Acenaphthylene

Concen: 41.776 ng

RT: 9.810 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

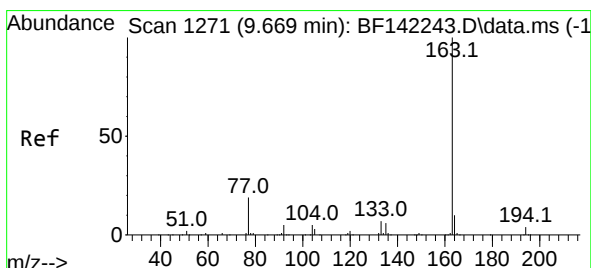
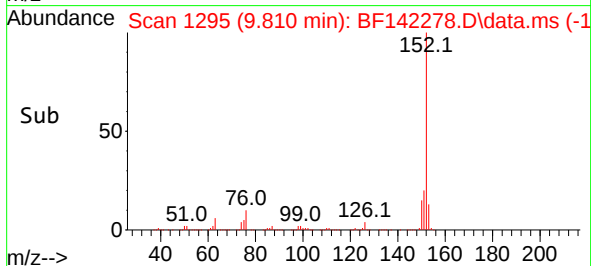
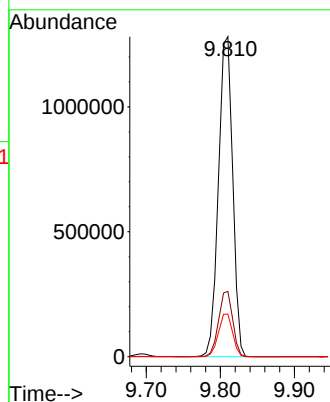
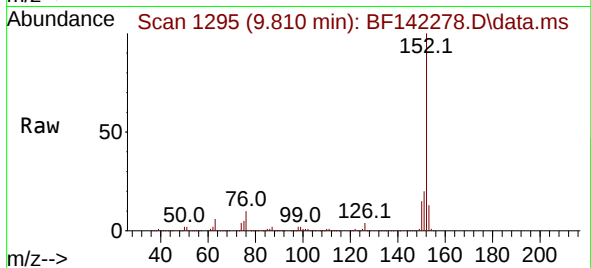
Tgt Ion:152 Resp: 1710079

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

153 13.3 10.7 16.1



#50

Dimethylphthalate

Concen: 44.716 ng

RT: 9.663 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

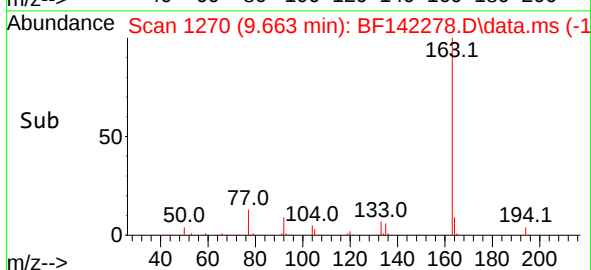
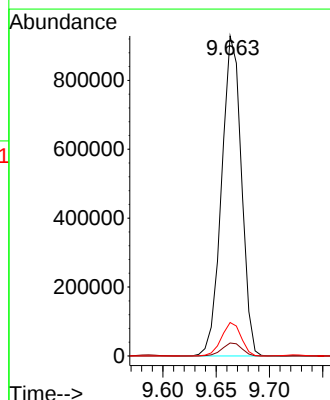
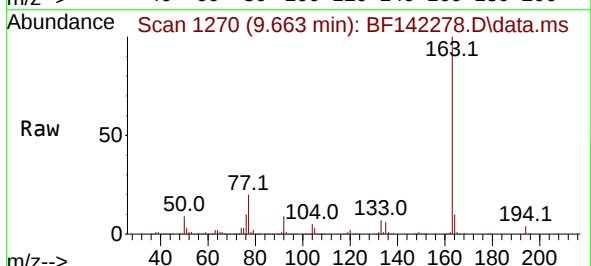
Tgt Ion:163 Resp: 1199810

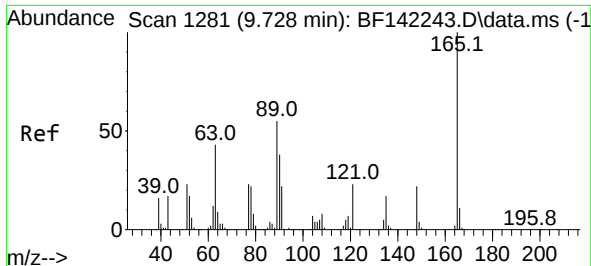
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.4 8.2 12.2

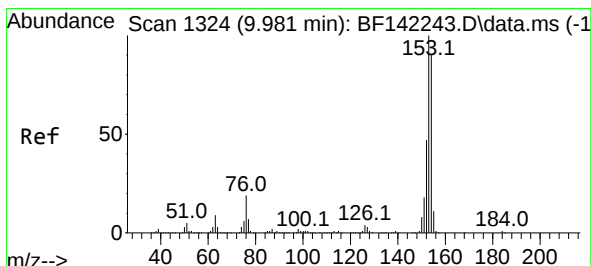
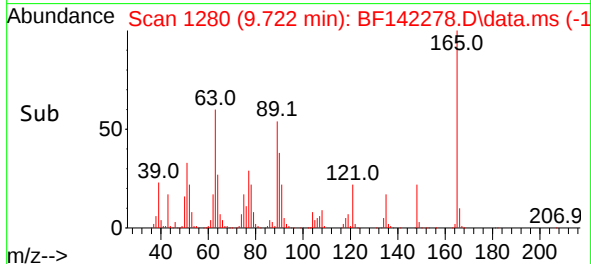
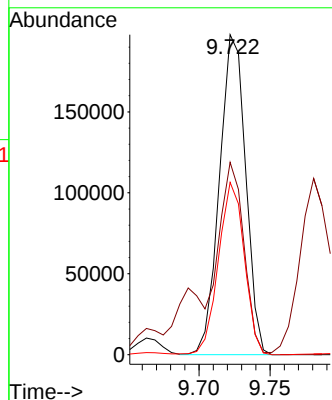
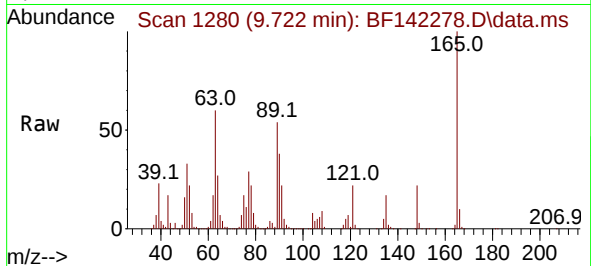




#51
2,6-Dinitrotoluene
Concen: 49.228 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

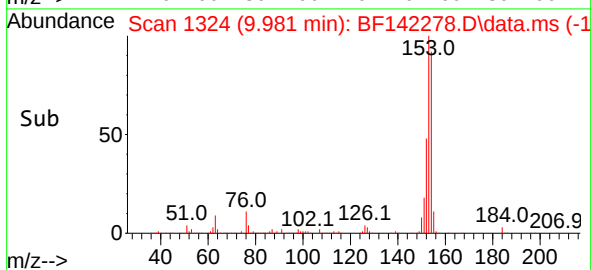
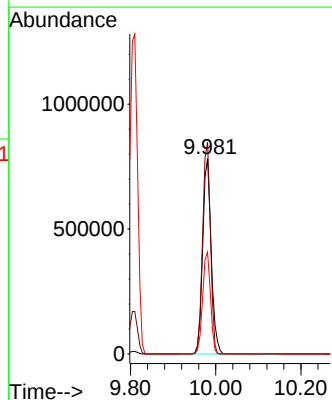
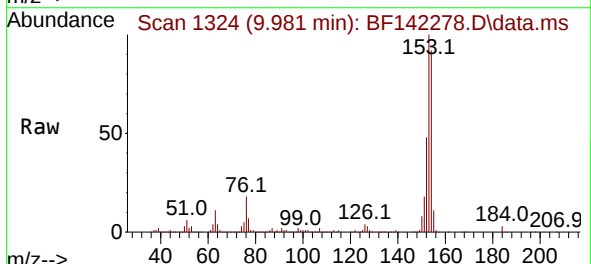
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

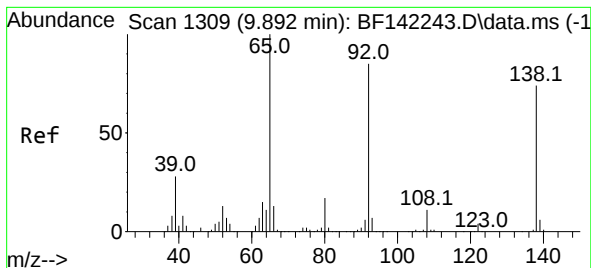
Tgt Ion:165 Resp: 253926
Ion Ratio Lower Upper
165 100
63 60.1 48.5 72.7
89 53.9 43.9 65.9



#52
Acenaphthene
Concen: 45.482 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Tgt Ion:154 Resp: 1087078
Ion Ratio Lower Upper
154 100
153 108.5 88.6 133.0
152 52.1 42.1 63.1





#53

3-Nitroaniline

Concen: 17.958 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

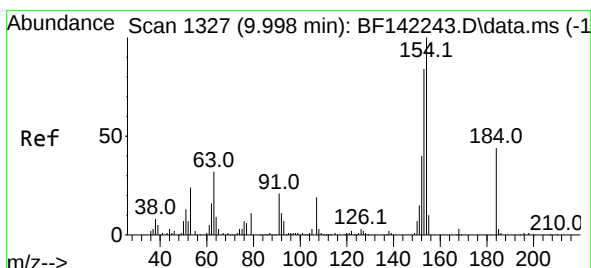
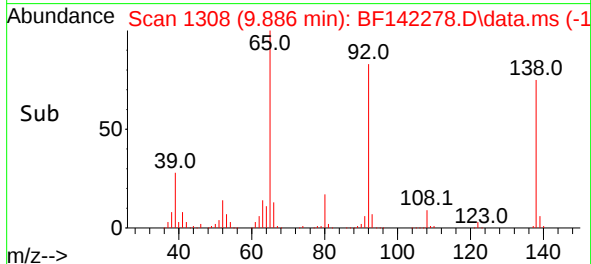
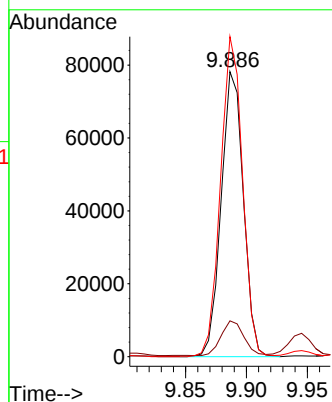
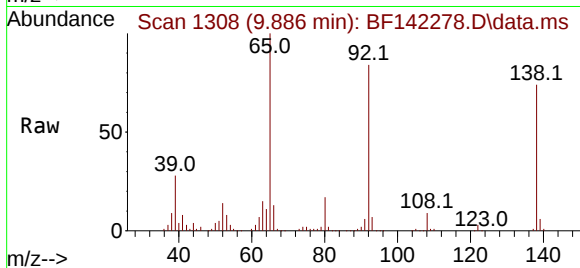
Tgt Ion:138 Resp: 99043

Ion Ratio Lower Upper

138 100

108 12.6 11.7 17.5

92 112.3 91.2 136.8



#54

2,4-Dinitrophenol

Concen: 93.898 ng

RT: 9.998 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

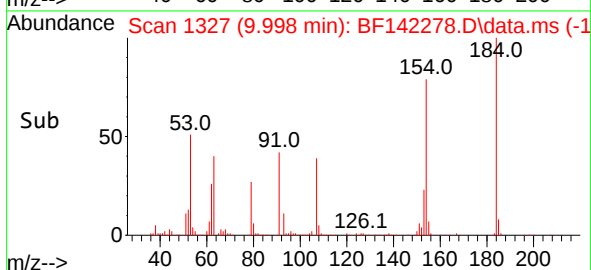
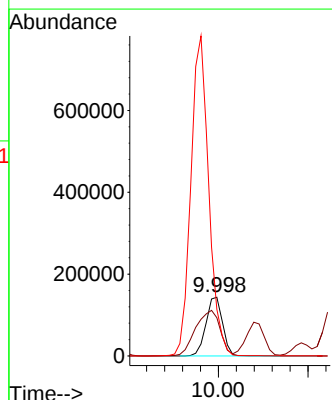
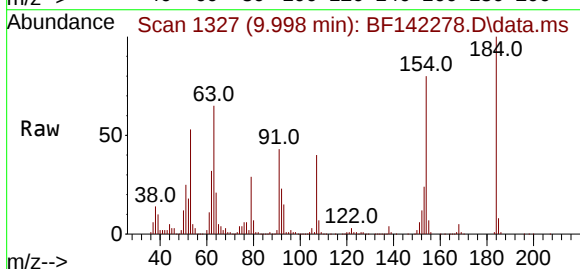
Tgt Ion:184 Resp: 184644

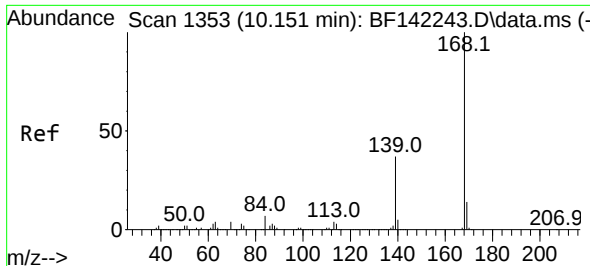
Ion Ratio Lower Upper

184 100

63 65.1 69.2 103.8#

154 79.6 271.4 407.2#

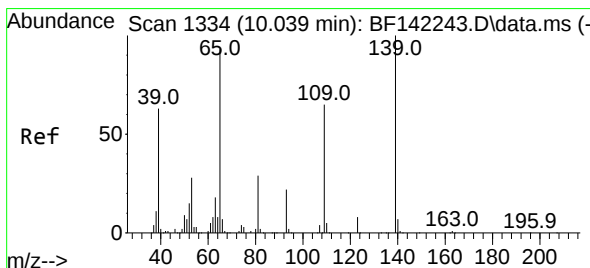
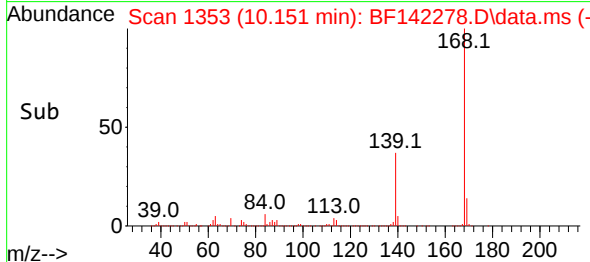
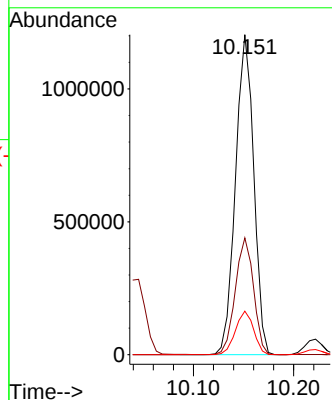
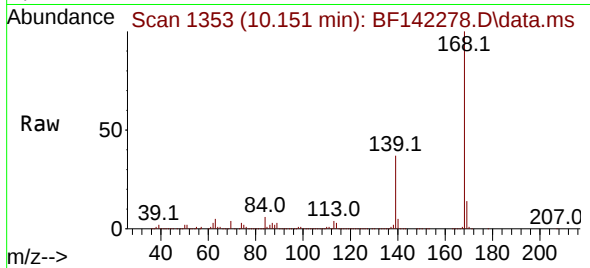




#55
Dibenzenofuran
Concen: 42.495 ng
RT: 10.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

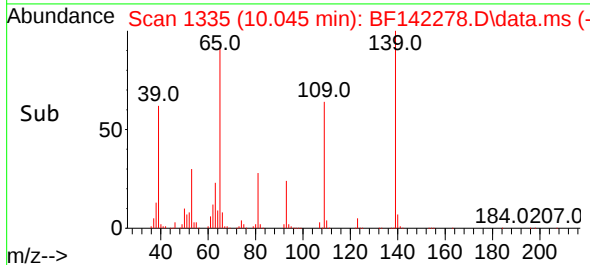
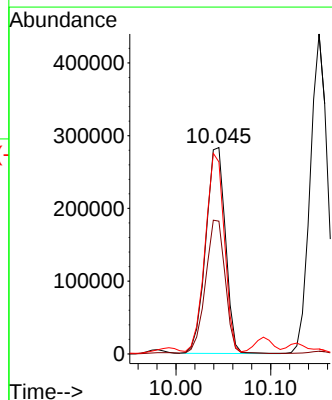
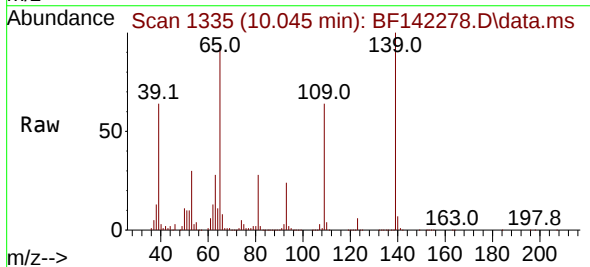
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

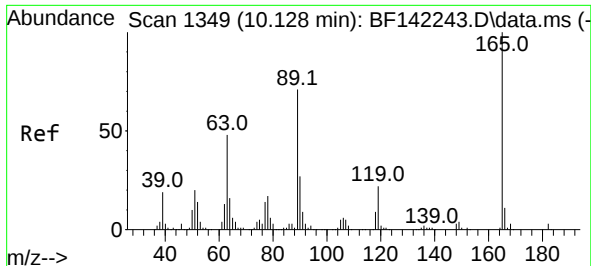
Tgt Ion:168 Resp: 1522541
Ion Ratio Lower Upper
168 100
139 36.5 29.4 44.0
169 13.6 11.0 16.4



#56
4-Nitrophenol
Concen: 96.548 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Tgt Ion:139 Resp: 407185
Ion Ratio Lower Upper
139 100
109 64.3 44.9 84.9
65 93.1 74.7 114.7

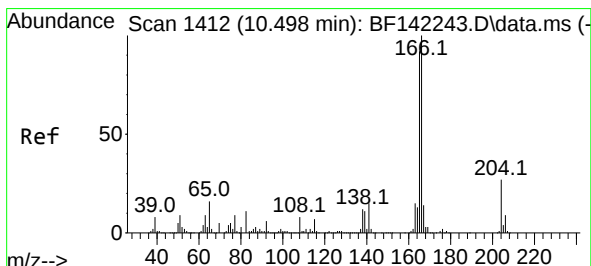
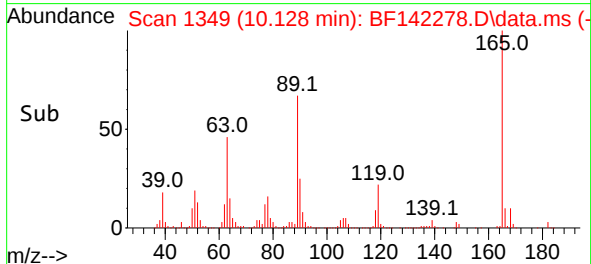
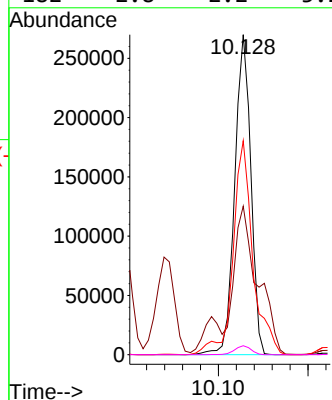
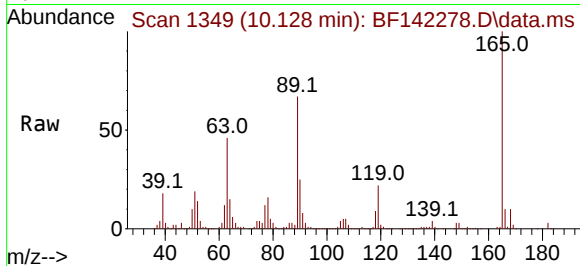




#57
2,4-Dinitrotoluene
Concen: 53.345 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

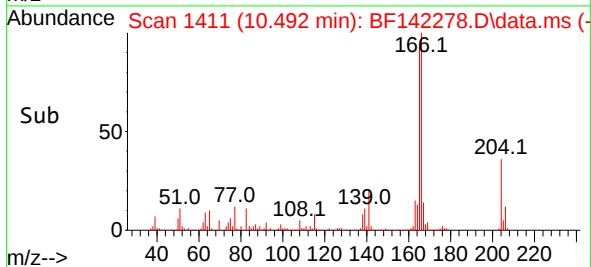
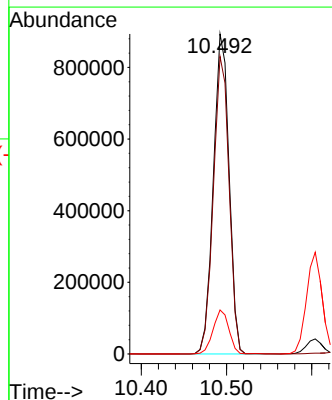
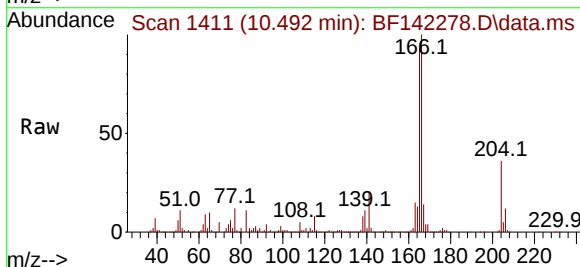
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

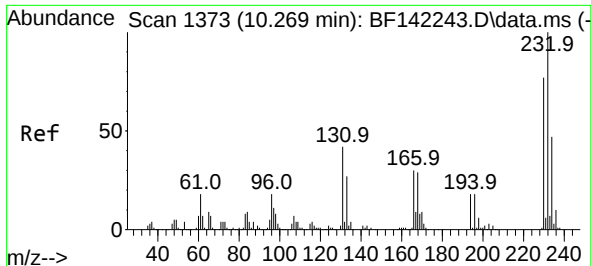
Tgt Ion:165 Resp: 336232
Ion Ratio Lower Upper
165 100
63 46.4 38.8 58.2
89 66.8 57.1 85.7
182 2.8 2.2 3.2



#58
Fluorene
Concen: 42.008 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Tgt Ion:166 Resp: 1144424
Ion Ratio Lower Upper
166 100
165 93.0 73.9 110.9
167 13.8 10.8 16.2

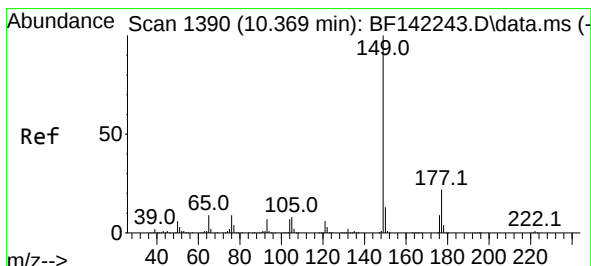
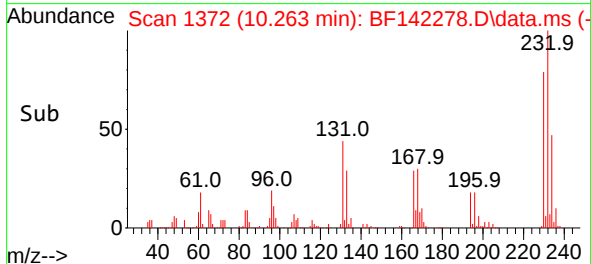
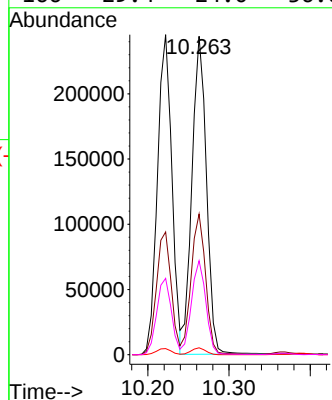
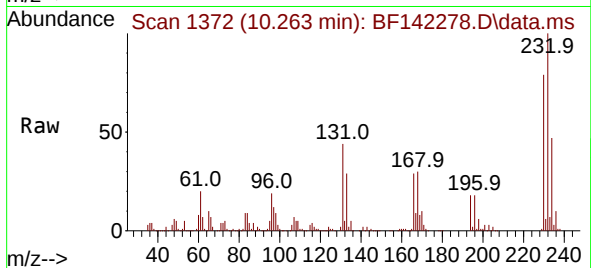




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.678 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

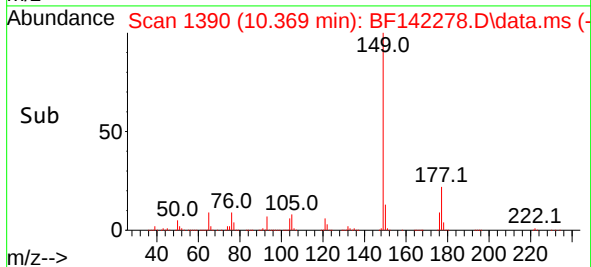
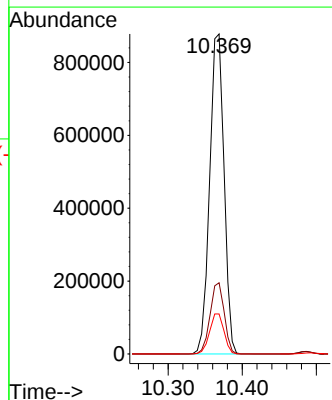
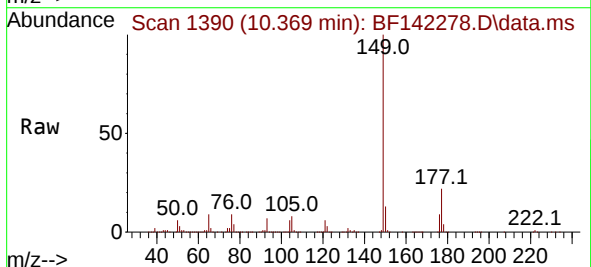
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

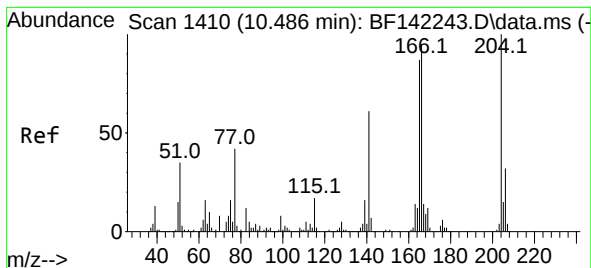
Tgt Ion:232 Resp: 303708
Ion Ratio Lower Upper
232 100
131 44.5 35.9 53.9
130 2.1 1.8 2.6
166 29.4 24.0 36.0



#60
Diethylphthalate
Concen: 44.640 ng
RT: 10.369 min Scan# 1390
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Tgt Ion:149 Resp: 1182771
Ion Ratio Lower Upper
149 100
177 22.3 17.6 26.4
150 12.5 10.2 15.2

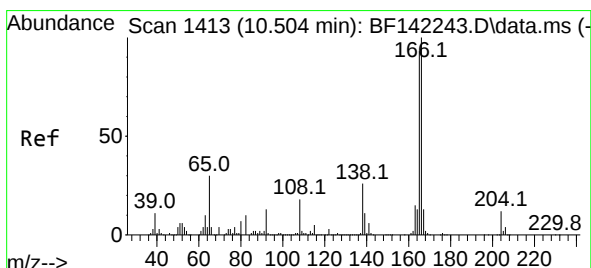
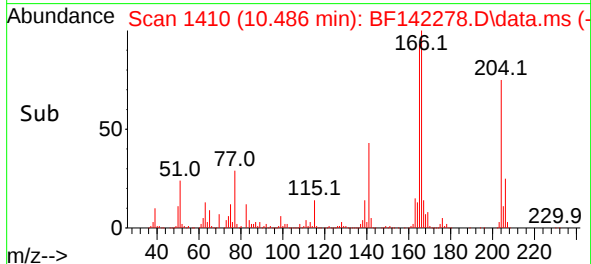
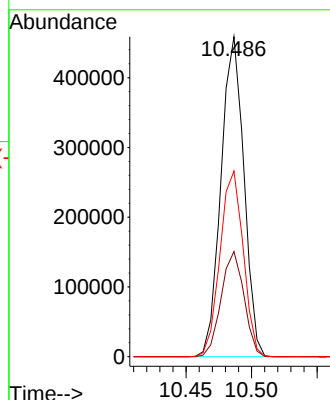
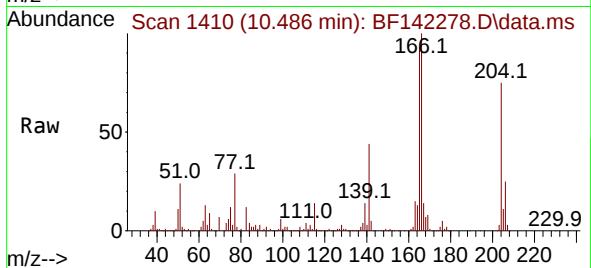




#61
4-Chlorophenyl-phenylether
Concen: 42.980 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

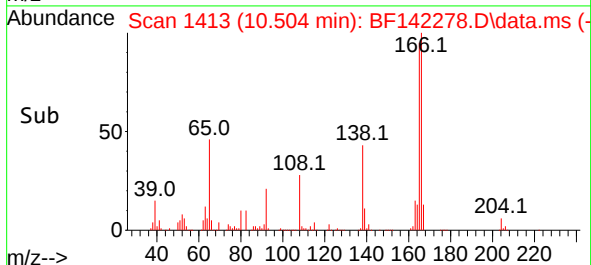
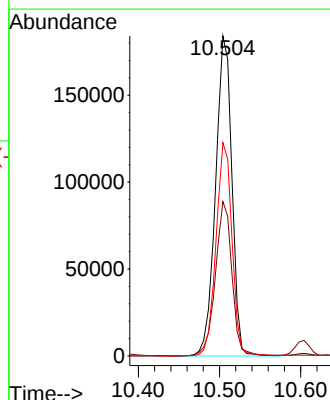
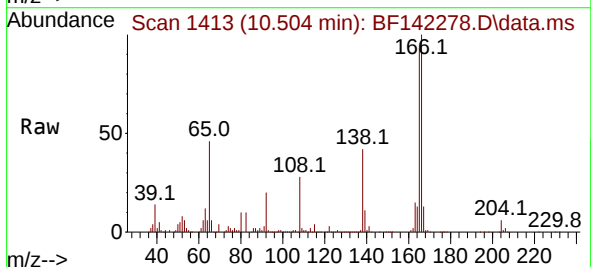
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

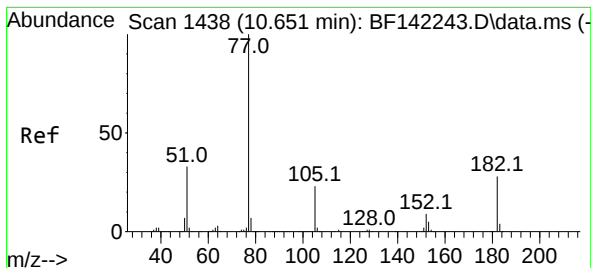
Tgt Ion:204 Resp: 556055
Ion Ratio Lower Upper
204 100
206 32.9 25.6 38.4
141 58.0 48.9 73.3



#62
4-Nitroaniline
Concen: 45.444 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Tgt Ion:138 Resp: 257712
Ion Ratio Lower Upper
138 100
92 48.3 29.2 69.2
108 66.7 49.1 89.1

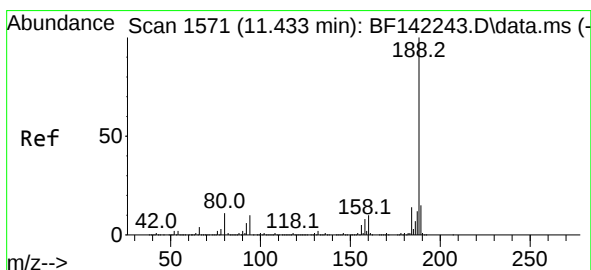
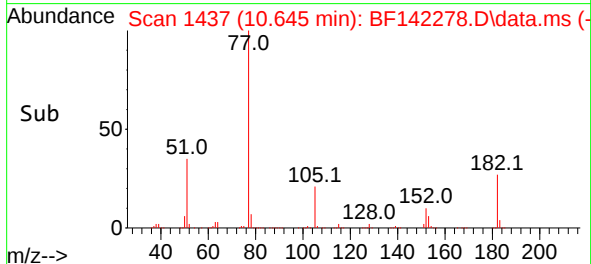
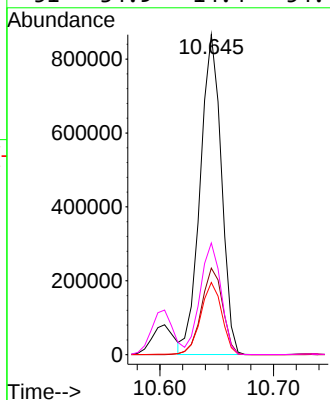
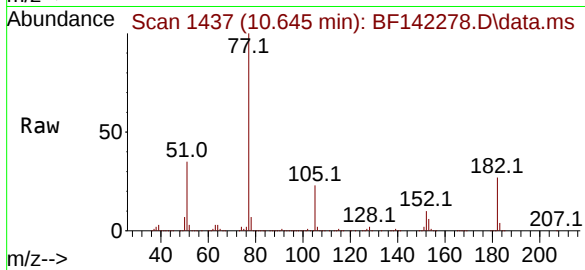




#63
Azobenzene
Concen: 42.806 ng
RT: 10.645 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

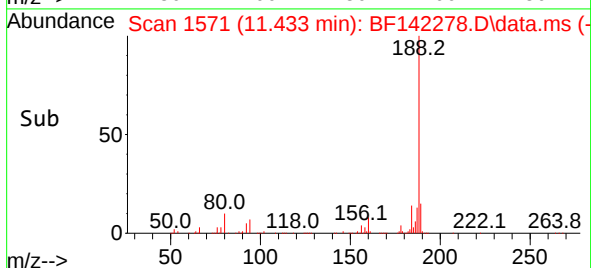
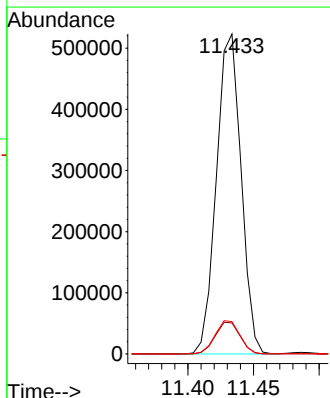
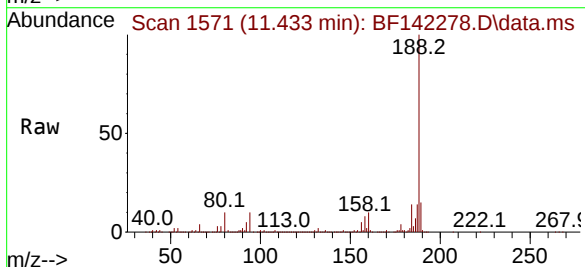
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

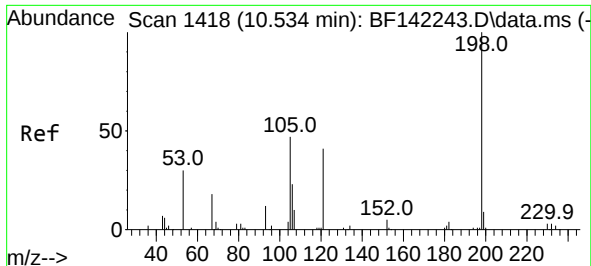
Tgt Ion: 77 Resp: 1119990
Ion Ratio Lower Upper
77 100
182 27.0 7.3 47.3
105 22.6 2.5 42.5
51 34.9 14.4 54.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Tgt Ion:188 Resp: 684254
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.2
80 10.1 8.6 12.8

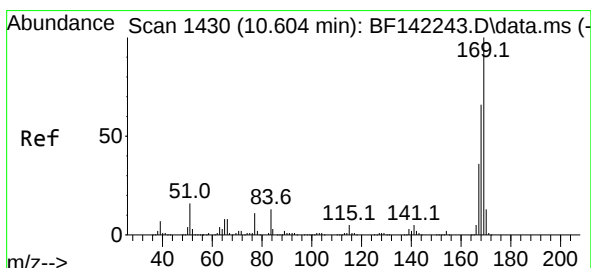
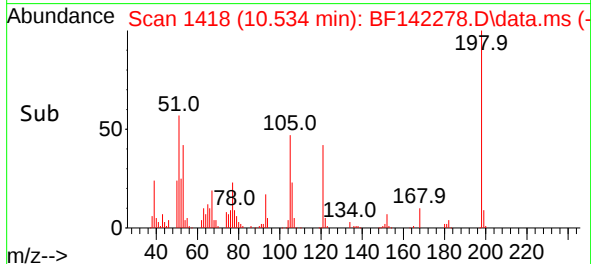
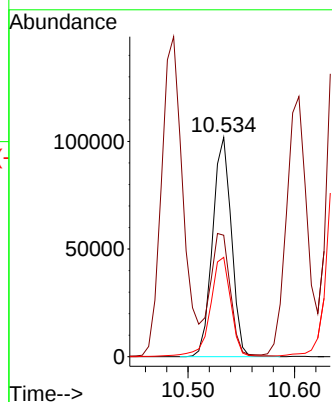
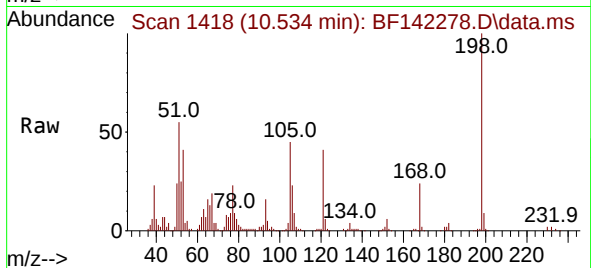




#65
4,6-Dinitro-2-methylphenol
Concen: 53.859 ng
RT: 10.534 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

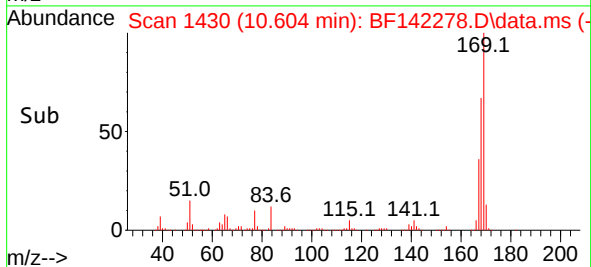
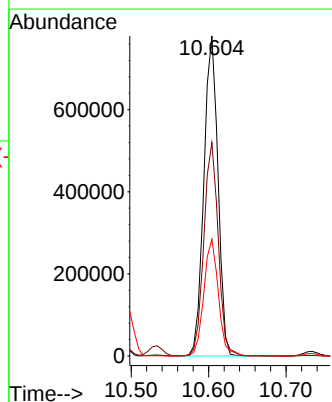
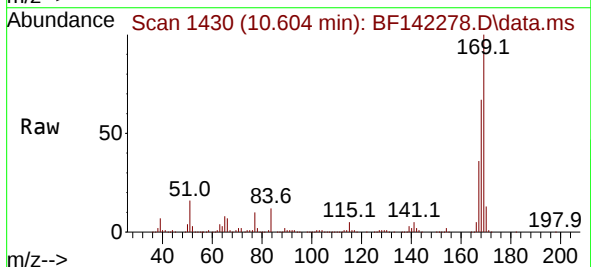
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

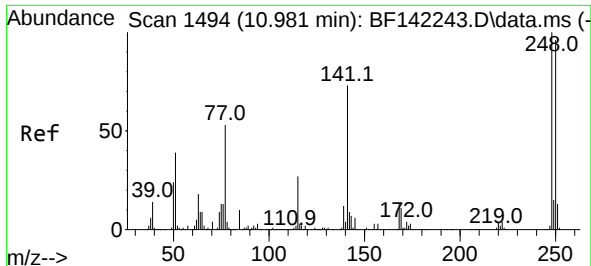
Tgt Ion:198 Resp: 125145
Ion Ratio Lower Upper
198 100
51 55.4 40.6 80.6
105 45.3 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 42.088 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Tgt Ion:169 Resp: 983989
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.6
167 36.4 28.8 43.2

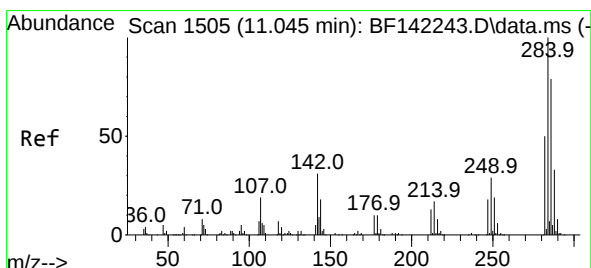
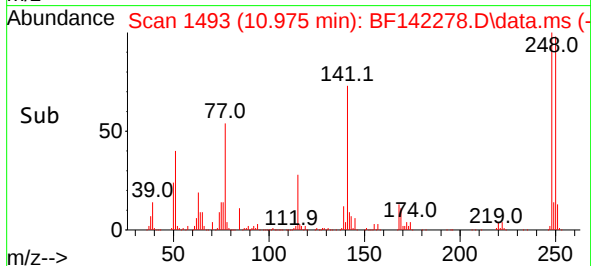
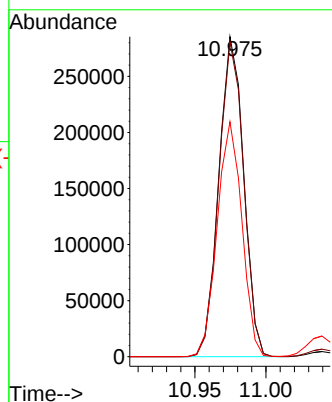
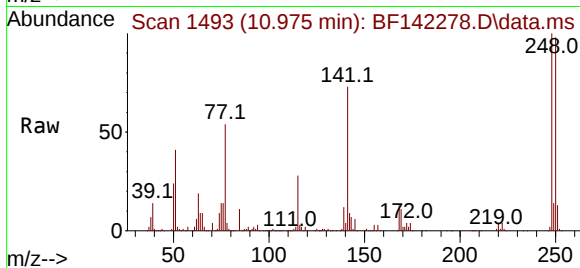




#67
4-Bromophenyl-phenylether
Concen: 45.662 ng
RT: 10.975 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

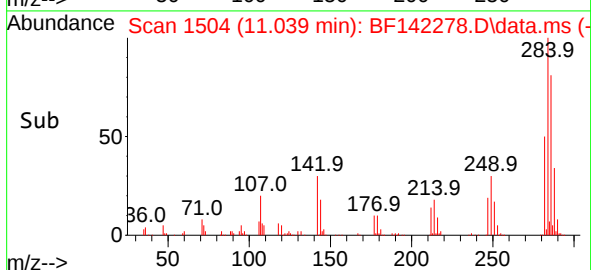
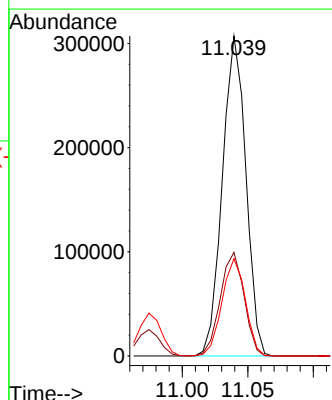
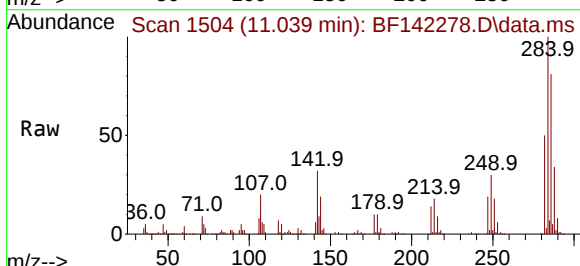
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

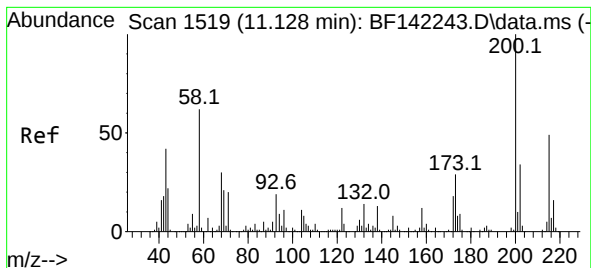
Tgt Ion:248 Resp: 347963
Ion Ratio Lower Upper
248 100
250 98.4 77.2 115.8
141 73.4 58.4 87.6



#68
Hexachlorobenzene
Concen: 44.789 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Tgt Ion:284 Resp: 382262
Ion Ratio Lower Upper
284 100
142 32.4 24.6 37.0
249 30.4 23.2 34.8





#69

Atrazine

Concen: 50.733 ng

RT: 11.128 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

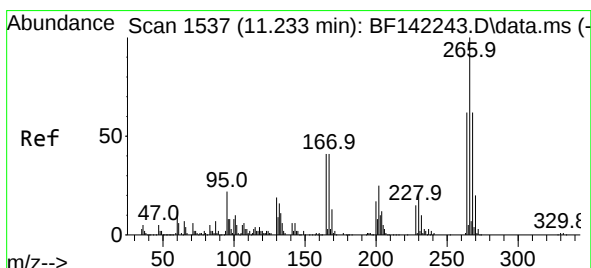
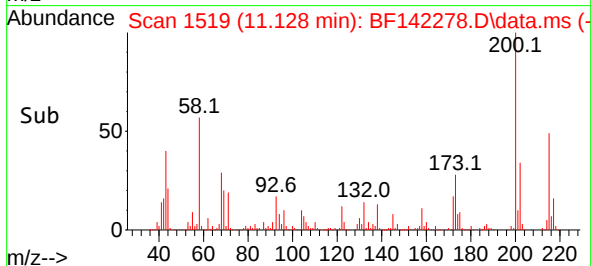
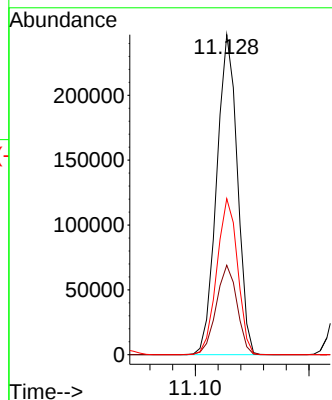
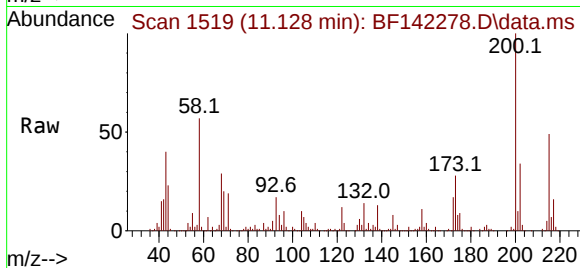
Tgt Ion:200 Resp: 312642

Ion Ratio Lower Upper

200 100

173 28.0 8.6 48.6

215 48.8 28.5 68.5



#70

Pentachlorophenol

Concen: 96.993 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

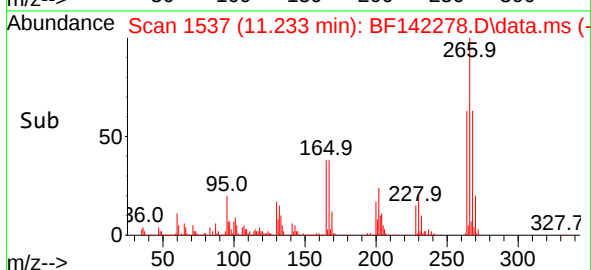
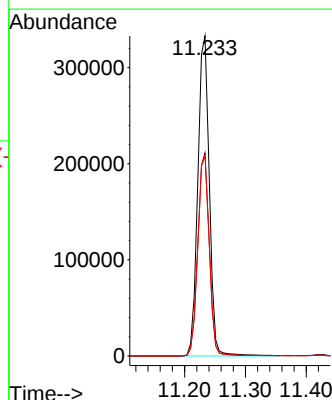
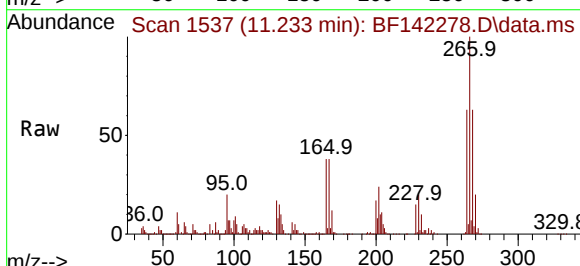
Tgt Ion:266 Resp: 437319

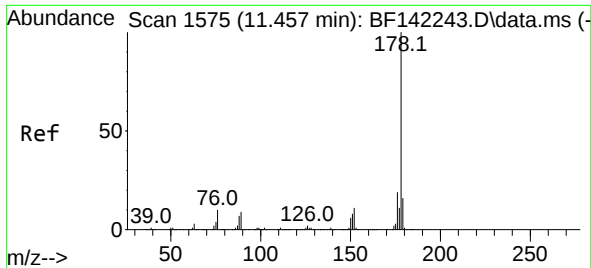
Ion Ratio Lower Upper

266 100

268 63.5 50.0 75.0

264 62.5 49.3 73.9

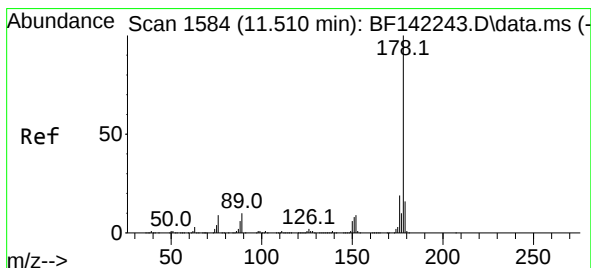
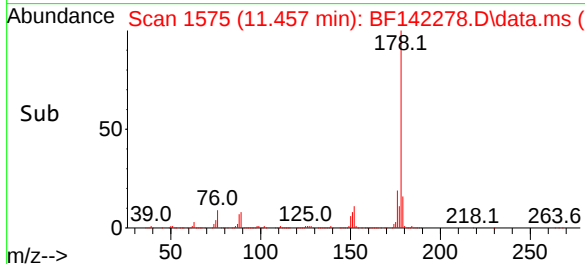
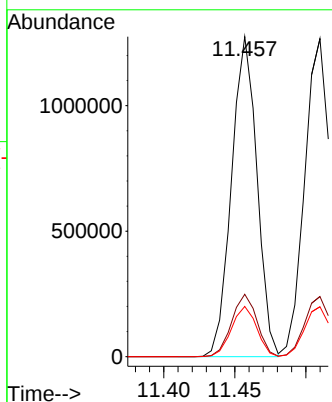
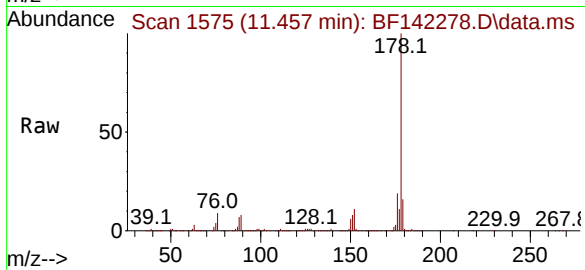




#71
Phenanthrene
Concen: 43.062 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

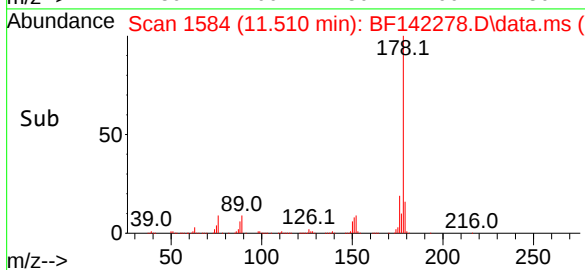
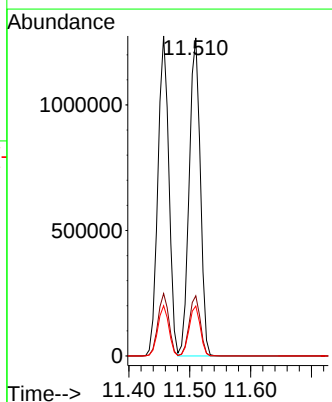
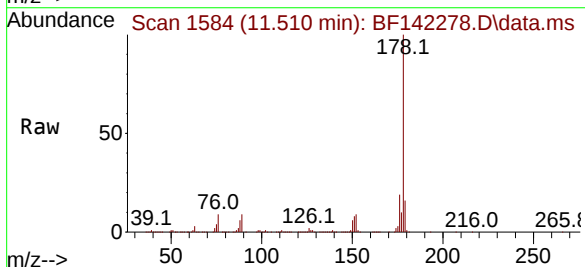
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

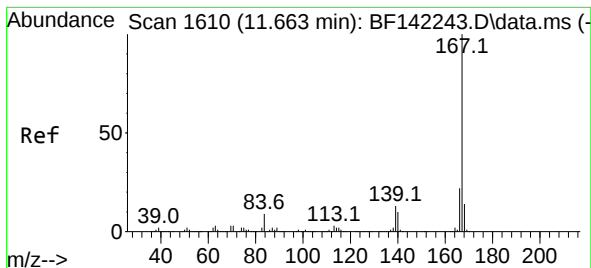
Tgt Ion:178 Resp: 1591587
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.7 12.6 19.0



#72
Anthracene
Concen: 42.316 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Tgt Ion:178 Resp: 1599092
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.7 12.7 19.1





#73

Carbazole

Concen: 42.526 ng

RT: 11.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

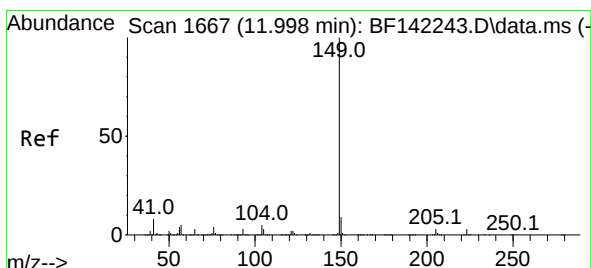
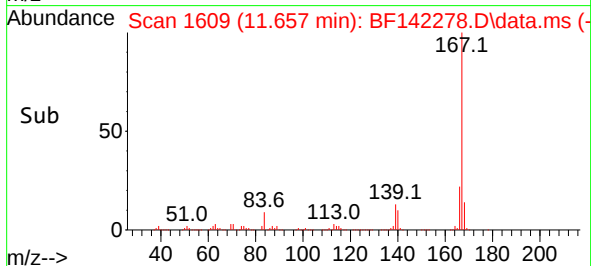
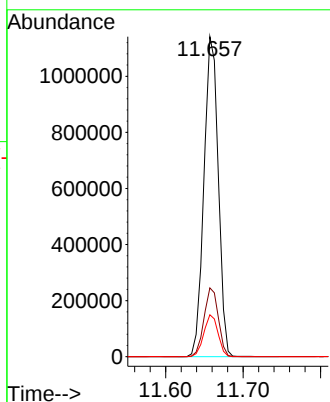
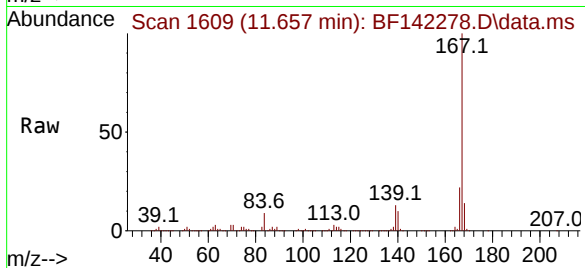
Tgt Ion:167 Resp: 1465976

Ion Ratio Lower Upper

167 100

166 21.5 17.3 25.9

139 13.1 10.3 15.5



#74

Di-n-butylphthalate

Concen: 48.397 ng

RT: 11.992 min Scan# 1666

Delta R.T. -0.006 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

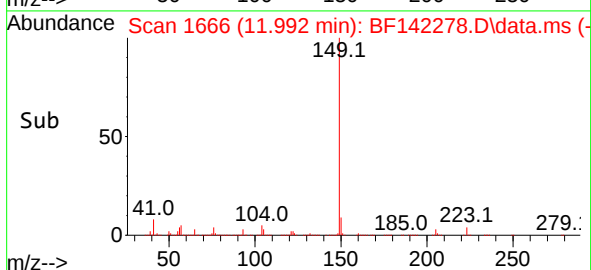
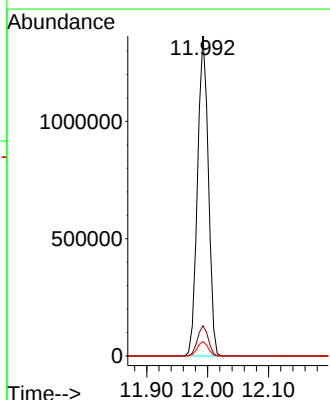
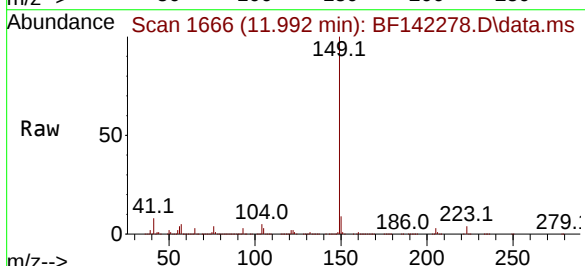
Tgt Ion:149 Resp: 1677931

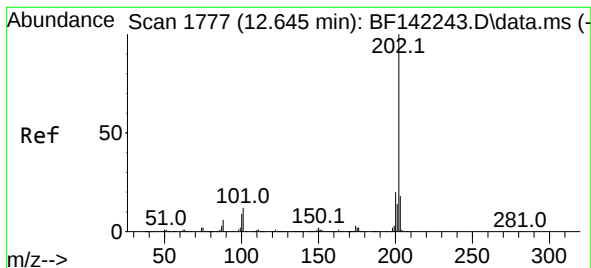
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 4.5 3.6 5.4





#75

Fluoranthene

Concen: 41.619 ng

RT: 12.645 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

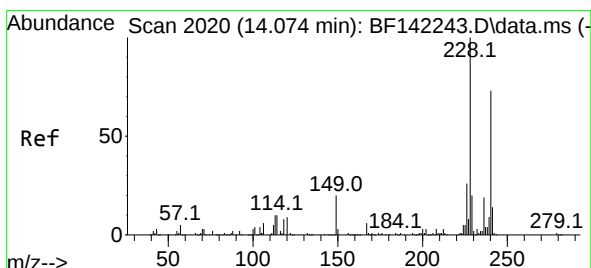
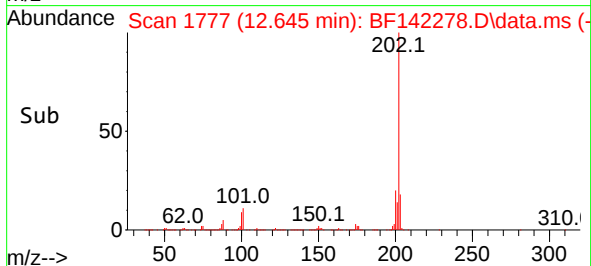
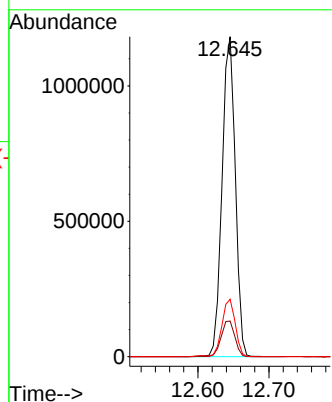
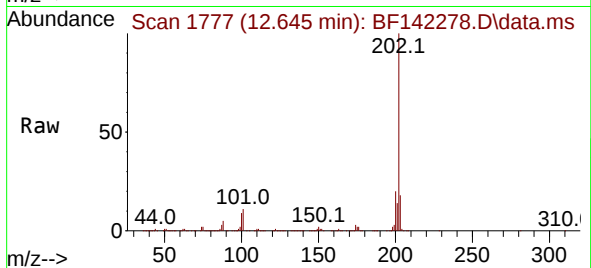
Tgt Ion:202 Resp: 1520599

Ion Ratio Lower Upper

202 100

101 11.2 0.0 32.4

203 18.0 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.069 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

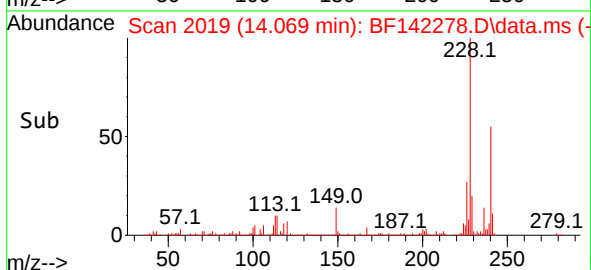
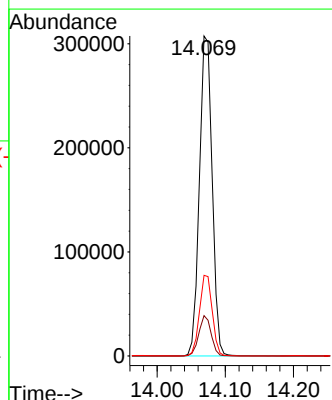
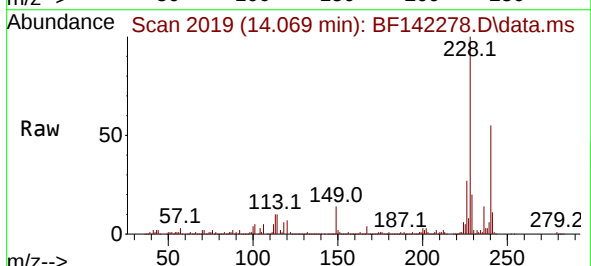
Tgt Ion:240 Resp: 400079

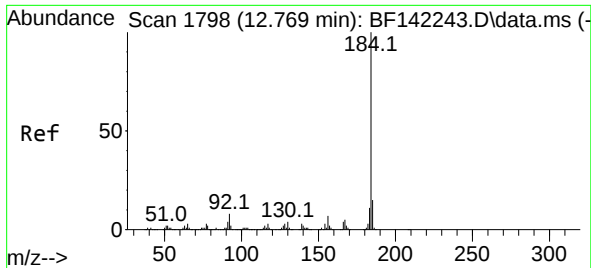
Ion Ratio Lower Upper

240 100

120 12.6 10.1 15.1

236 25.2 20.5 30.7

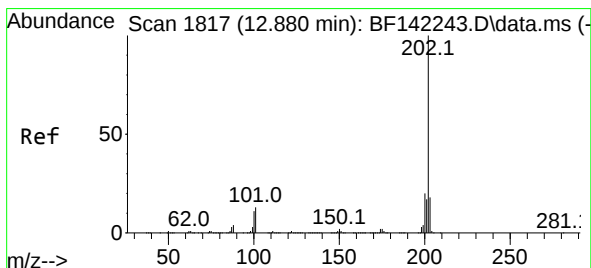
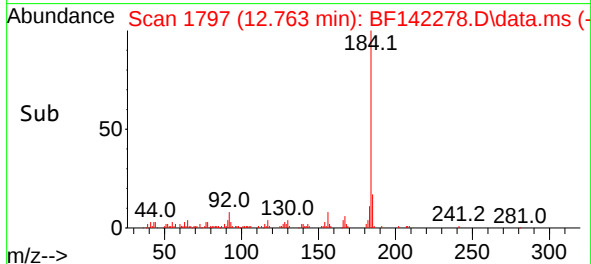
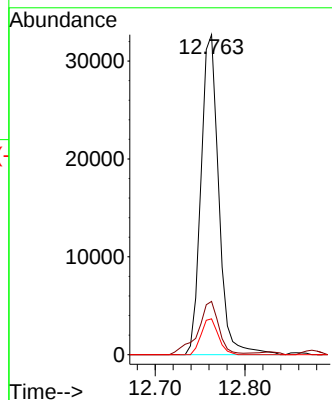
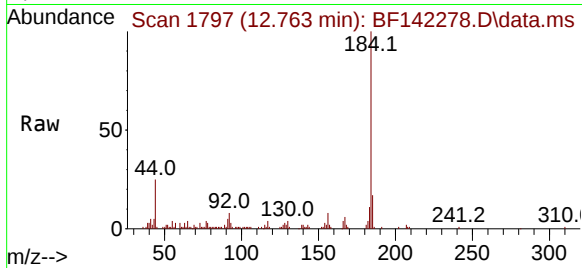




#77
Benzidine
Concen: 2.641 ng
RT: 12.763 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

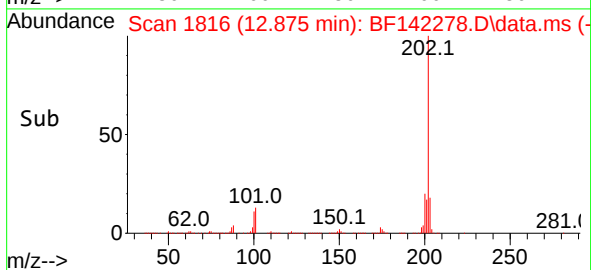
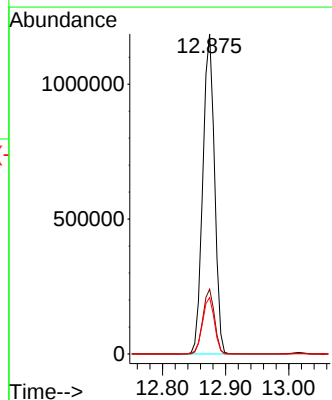
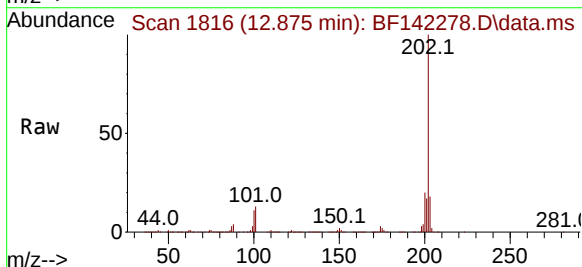
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

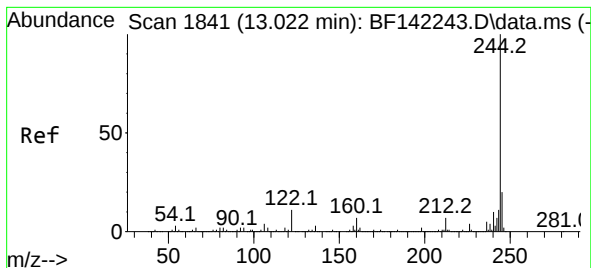
Tgt Ion:184 Resp: 44894
Ion Ratio Lower Upper
184 100
185 16.7 11.8 17.6
183 11.2 8.9 13.3



#78
Pyrene
Concen: 41.321 ng
RT: 12.875 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Tgt Ion:202 Resp: 1524967
Ion Ratio Lower Upper
202 100
200 20.2 16.1 24.1
203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 72.842 ng

RT: 13.016 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

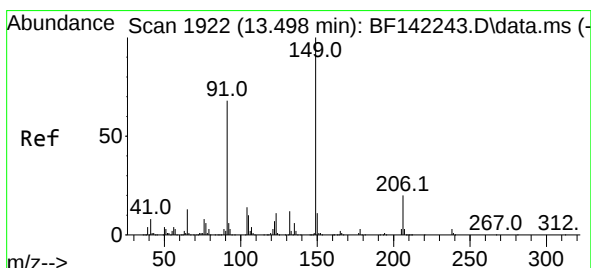
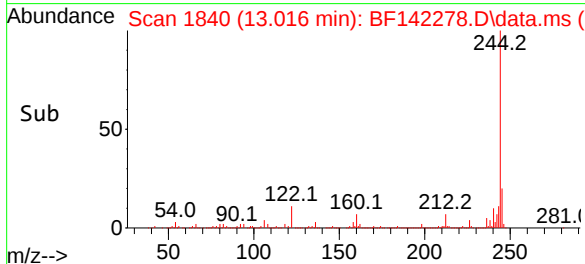
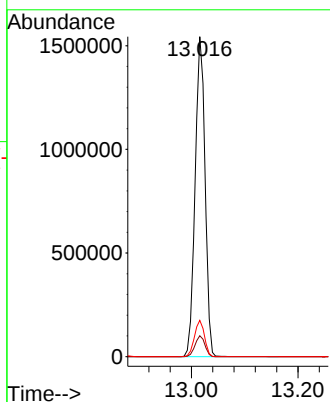
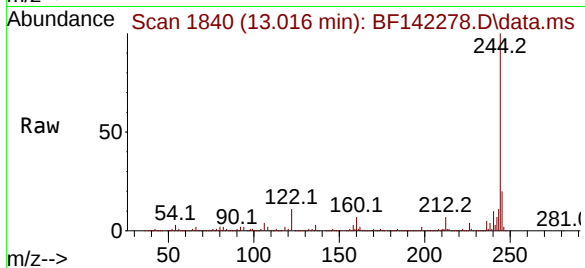
Tgt Ion:244 Resp: 2003750

Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

122 11.4 9.1 13.7



#80

Butylbenzylphthalate

Concen: 54.776 ng

RT: 13.492 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

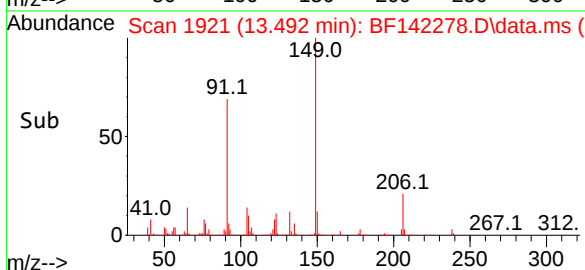
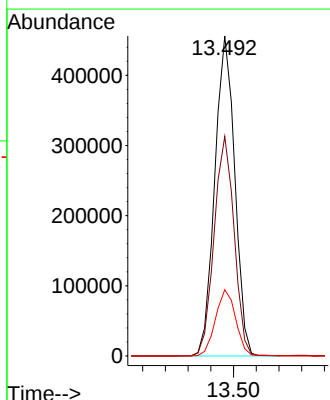
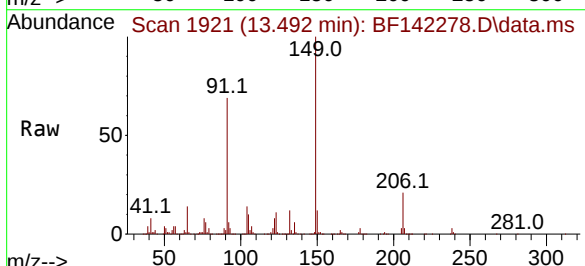
Tgt Ion:149 Resp: 558469

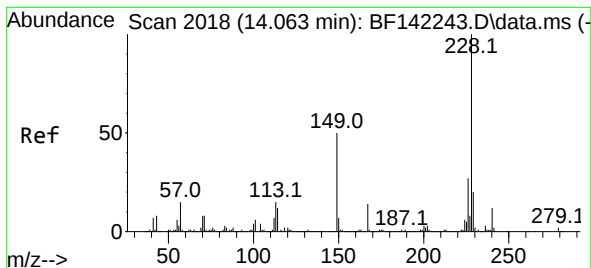
Ion Ratio Lower Upper

149 100

91 68.6 54.4 81.6

206 20.7 15.9 23.9





#81

Benzo(a)anthracene

Concen: 44.456 ng

RT: 14.063 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

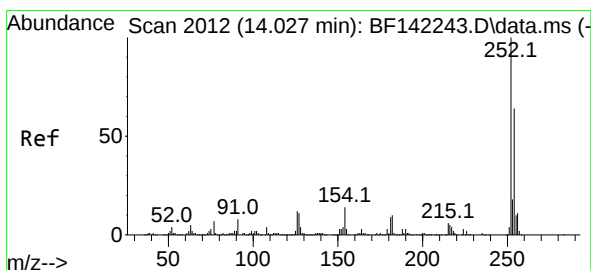
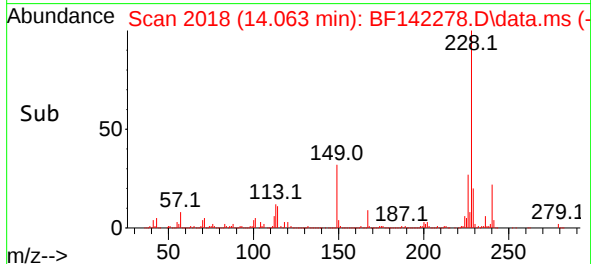
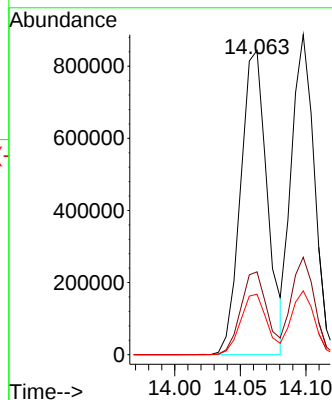
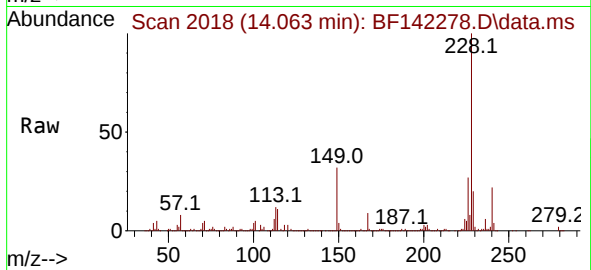
Tgt Ion:228 Resp: 1194007

Ion Ratio Lower Upper

228 100

226 27.2 21.9 32.9

229 19.9 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 8.904 ng

RT: 14.022 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

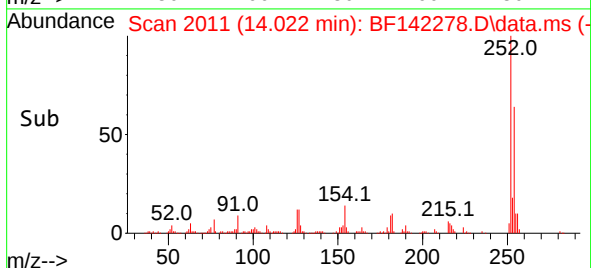
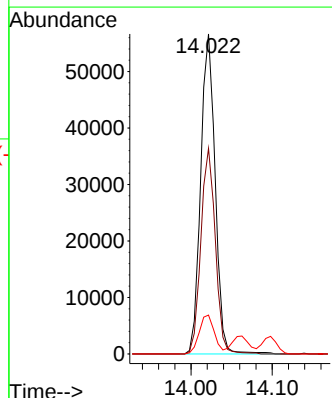
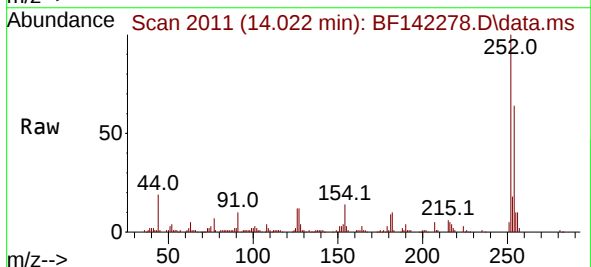
Tgt Ion:252 Resp: 70246

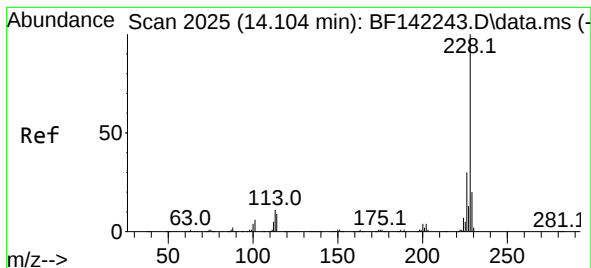
Ion Ratio Lower Upper

252 100

254 64.2 51.0 76.6

126 12.1 9.4 14.2





#83

Chrysene

Concen: 44.049 ng

RT: 14.098 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

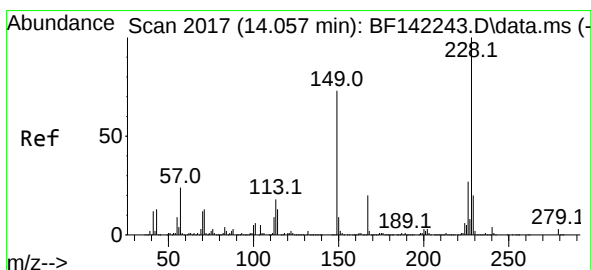
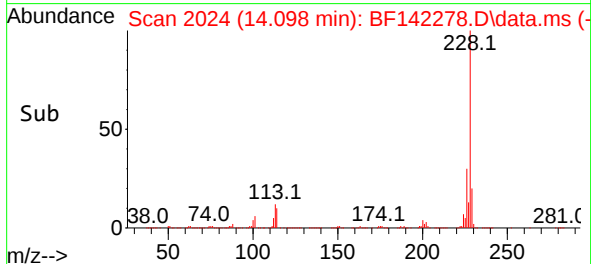
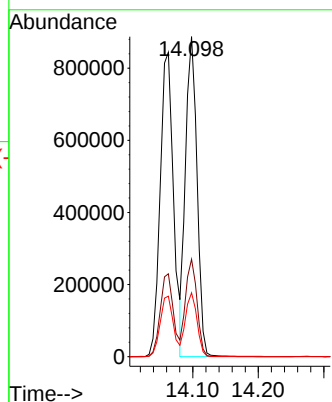
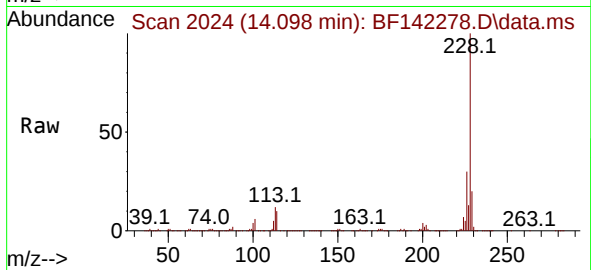
Tgt Ion:228 Resp: 1076915

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

229 20.0 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.410 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

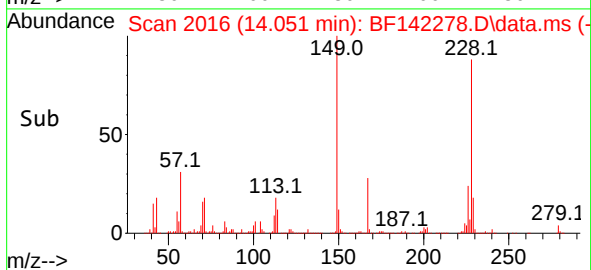
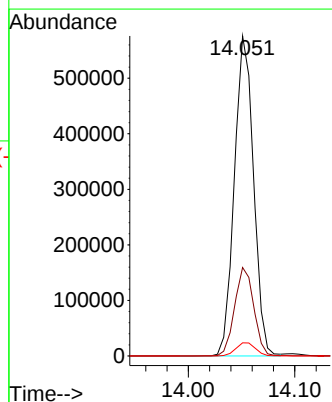
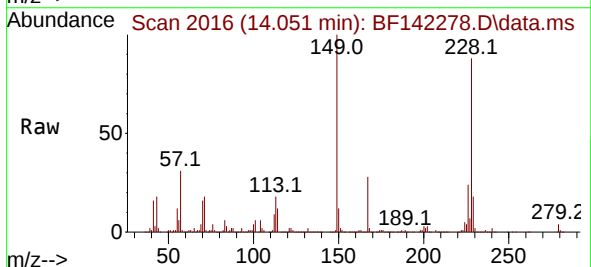
Tgt Ion:149 Resp: 722253

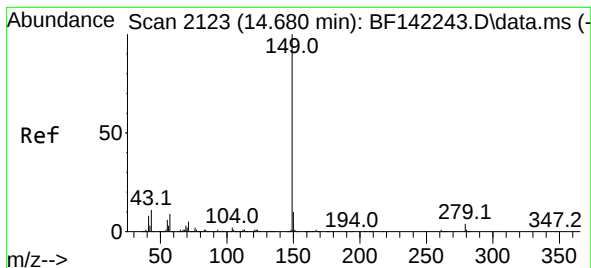
Ion Ratio Lower Upper

149 100

167 27.6 21.7 32.5

279 4.1 3.0 4.4

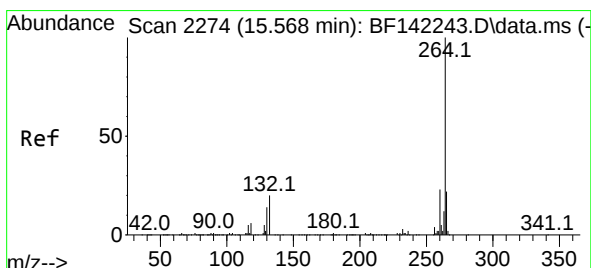
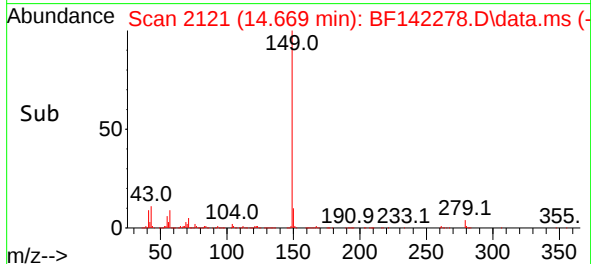
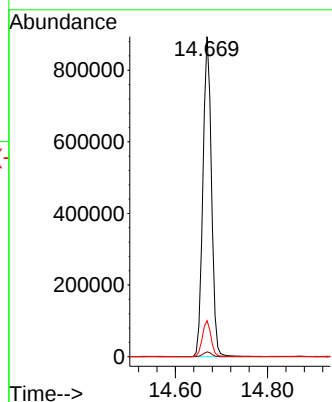
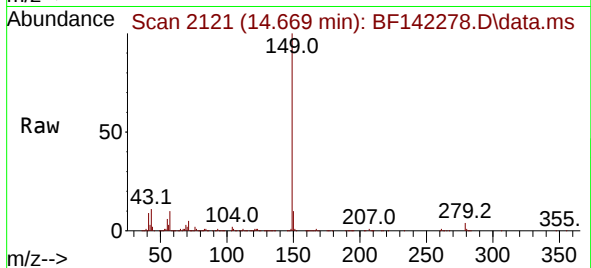




#85
Di-n-octyl phthalate
Concen: 45.494 ng
RT: 14.669 min Scan# 2123
Delta R.T. -0.011 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

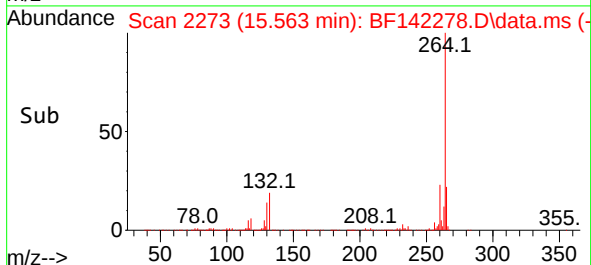
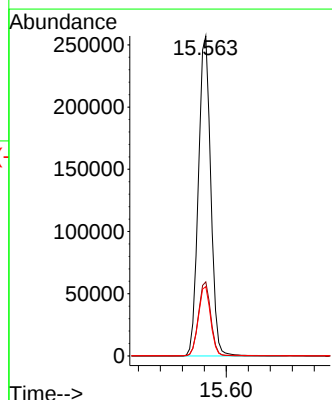
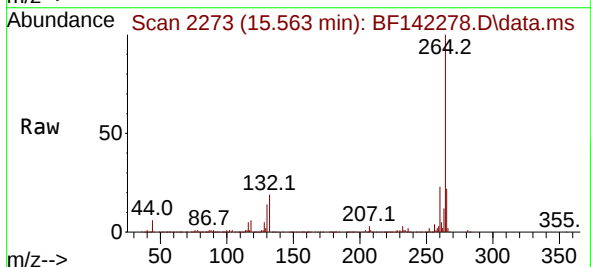
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

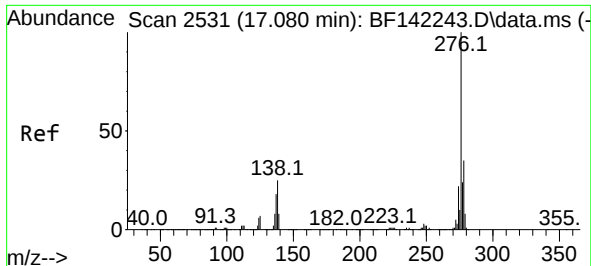
Tgt Ion:149 Resp: 1156306
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 11.3 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Tgt Ion:264 Resp: 401381
Ion Ratio Lower Upper
264 100
260 23.1 18.4 27.6
265 21.7 17.3 25.9

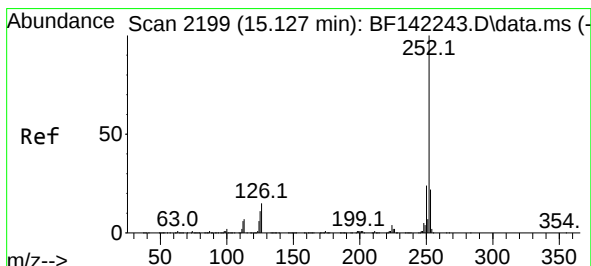
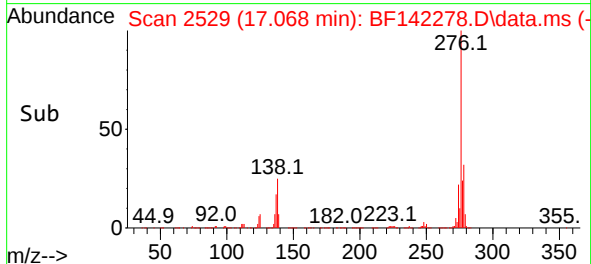
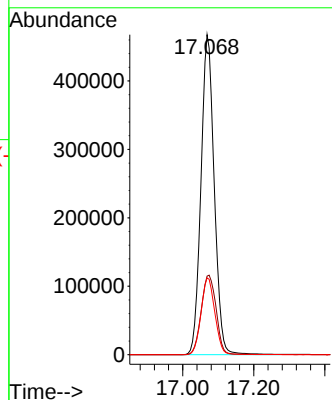
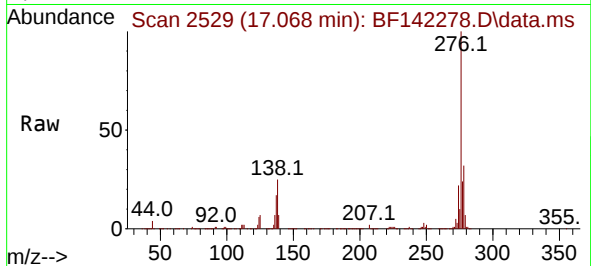




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.464 ng
RT: 17.068 min Scan# 2190
Delta R.T. -0.012 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

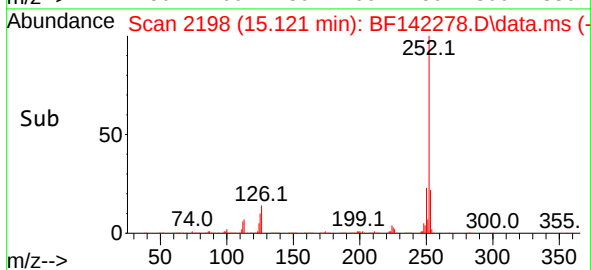
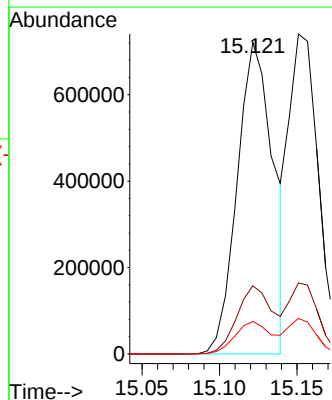
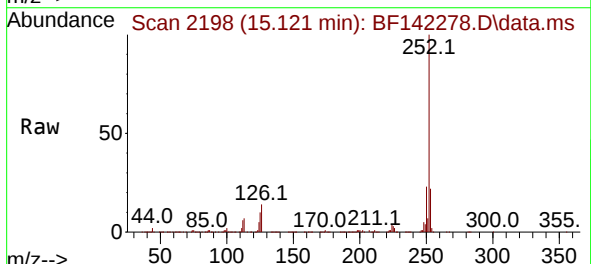
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

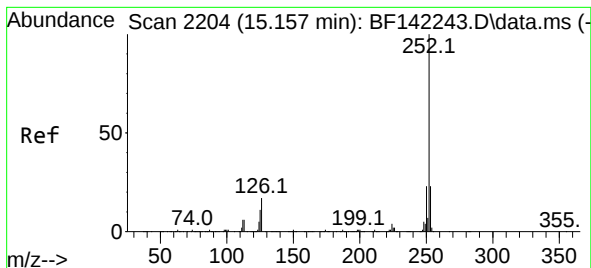
Tgt Ion:276 Resp: 1219041
Ion Ratio Lower Upper
276 100
138 27.9 22.6 33.8
277 25.0 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 46.856 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142278.D
Acq: 02 May 2025 12:55

Tgt Ion:252 Resp: 1168207
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 10.5 9.0 13.4





#89

Benzo(k)fluoranthene

Concen: 43.322 ng

RT: 15.151 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

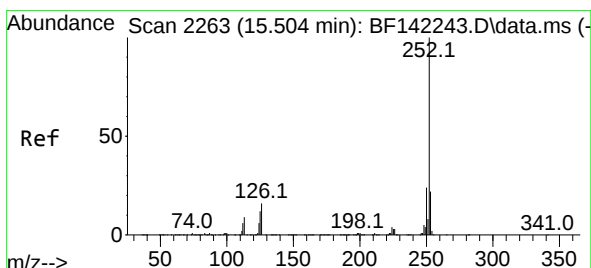
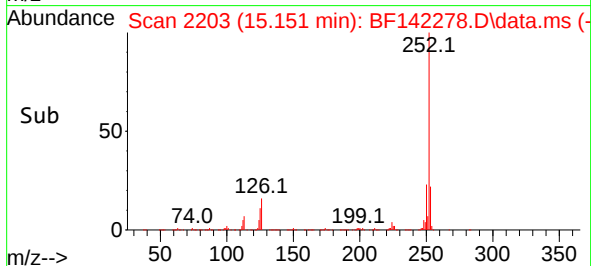
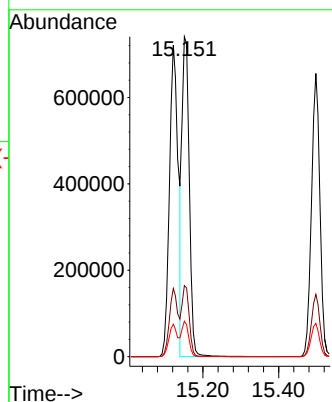
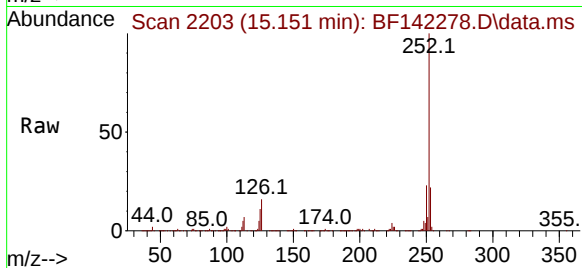
Tgt Ion:252 Resp: 987950

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 11.1 9.0 13.6



#90

Benzo(a)pyrene

Concen: 44.850 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.006 min

Lab File: BF142278.D

Acq: 02 May 2025 12:55

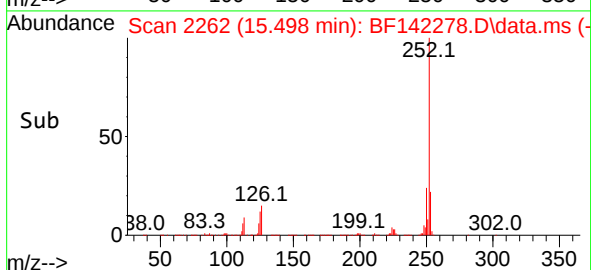
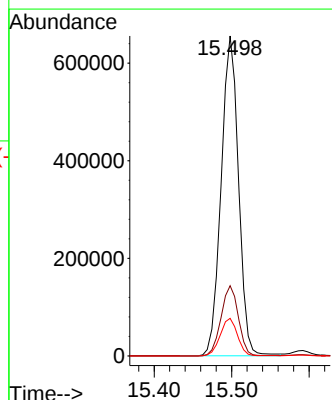
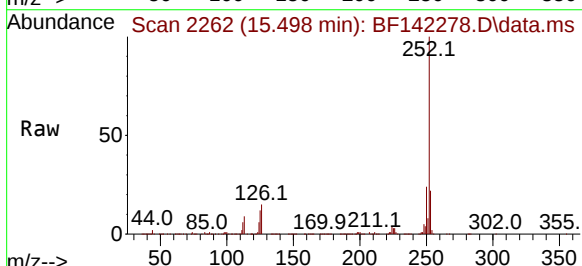
Tgt Ion:252 Resp: 1023759

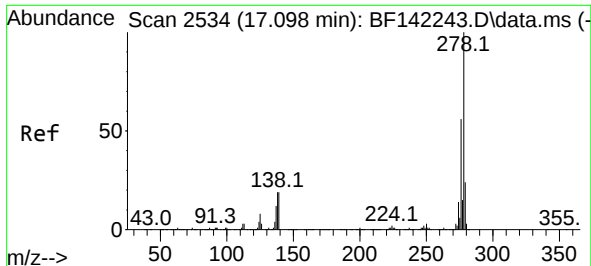
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 11.7 9.5 14.3

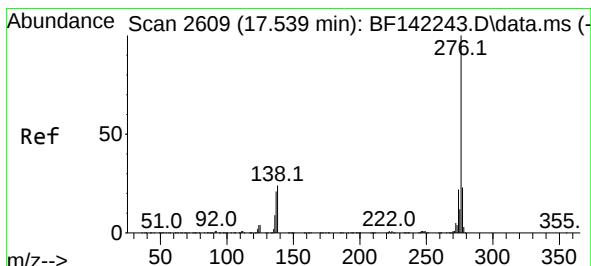
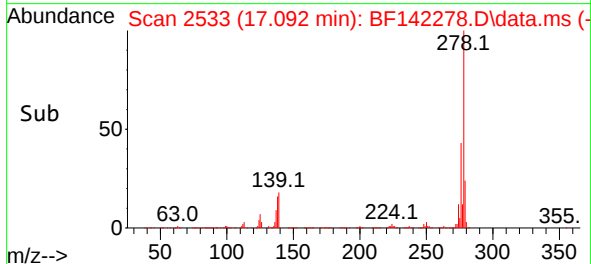
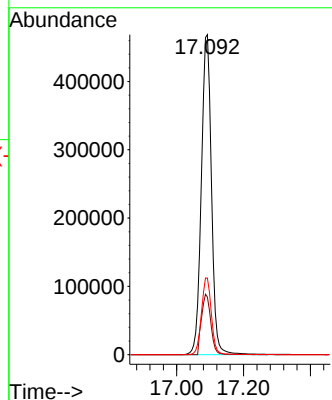
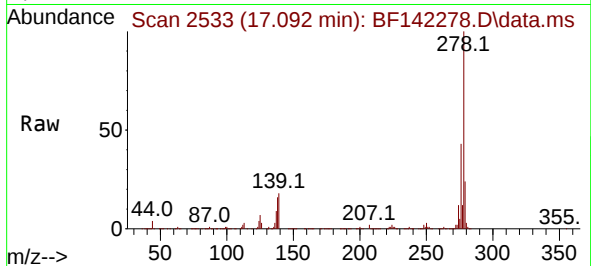




#91
 Dibenzo(a,h)anthracene
 Concen: 41.441 ng
 RT: 17.092 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142278.D
 Acq: 02 May 2025 12:55

Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB01MSD

Tgt Ion:278 Resp: 988821
 Ion Ratio Lower Upper
 278 100
 139 18.0 15.2 22.8
 279 24.0 19.0 28.6



#92
 Benzo(g,h,i)perylene
 Concen: 40.775 ng
 RT: 17.527 min Scan# 2607
 Delta R.T. -0.012 min
 Lab File: BF142278.D
 Acq: 02 May 2025 12:55

Tgt Ion:276 Resp: 978093
 Ion Ratio Lower Upper
 276 100
 277 23.0 18.7 28.1
 138 23.9 19.4 29.0

