

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
 Data File : BF142487.D
 Acq On : 21 May 2025 15:06
 Operator : RC/JU
 Sample : Q2075-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-11MS

Quant Time: May 21 15:50:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	54835	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	200654	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	113830	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	229012	20.000	ng	0.00
76) Chrysene-d12	14.068	240	210926	20.000	ng	0.00
86) Perylene-d12	15.563	264	176162	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	317682	97.605	ng	-0.01
7) Phenol-d6	6.516	99	383061	97.770	ng	-0.02
23) Nitrobenzene-d5	7.457	82	222361	60.428	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	143338	113.457	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	437751	51.603	ng	-0.01
79) Terphenyl-d14	13.010	244	640281	41.482	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	48586	37.304	ng	100
3) Pyridine	3.410	79	130372	39.308	ng	99
4) n-Nitrosodimethylamine	3.346	42	69967	40.629	ng	99
6) Aniline	6.557	93	118384	22.472	ng	98
8) 2-Chlorophenol	6.681	128	145011	40.904	ng	99
9) Benzaldehyde	6.445	77	91556	38.852	ng	98
10) Phenol	6.528	94	180038	40.838	ng	100
11) bis(2-Chloroethyl)ether	6.628	93	125263	39.472	ng	98
12) 1,3-Dichlorobenzene	6.840	146	159388	40.291	ng	98
13) 1,4-Dichlorobenzene	6.916	146	161291	40.477	ng	98
14) 1,2-Dichlorobenzene	7.069	146	153379	40.226	ng	99
15) Benzyl Alcohol	7.034	79	116330	40.178	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	207807	38.993	ng	100
17) 2-Methylphenol	7.140	107	112125	40.510	ng	99
18) Hexachloroethane	7.410	117	55846	40.136	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	93232	38.396	ng	100
20) 3+4-Methylphenols	7.292	107	144305	40.713	ng	# 87
22) Acetophenone	7.304	105	193459	43.554	ng	99
24) Nitrobenzene	7.475	77	141023	42.492	ng	98
25) Isophorone	7.716	82	246928	40.136	ng	98
26) 2-Nitrophenol	7.792	139	75333	42.480	ng	99
27) 2,4-Dimethylphenol	7.828	122	132431	42.346	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	154653	40.240	ng	100
29) 2,4-Dichlorophenol	8.034	162	119698	42.087	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	128865	41.750	ng	97
31) Naphthalene	8.204	128	419286	42.437	ng	100
32) Benzoic acid	7.916	122	81841	42.991	ng	97
33) 4-Chloroaniline	8.251	127	40768	10.183	ng	99
34) Hexachlorobutadiene	8.322	225	79280	41.136	ng	99
35) Caprolactam	8.634	113	15156	18.974	ng	97
36) 4-Chloro-3-methylphenol	8.728	107	125934	43.206	ng	98
37) 2-Methylnaphthalene	8.892	142	262739	42.270	ng	100
38) 1-Methylnaphthalene	8.992	142	272097	42.320	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	132130	40.437	ng	99
41) Hexachlorocyclopentadiene	9.051	237	162392	73.672	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	89146	40.459	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	97535	41.972	ng	98
46) 1,1'-Biphenyl	9.357	154	366054	41.450	ng	99
47) 2-Chloronaphthalene	9.381	162	261870	40.135	ng	100
48) 2-Nitroaniline	9.475	65	83501	44.275	ng	99
49) Acenaphthylene	9.798	152	461954	41.929	ng	99
50) Dimethylphthalate	9.657	163	321711	42.833	ng	99
51) 2,6-Dinitrotoluene	9.716	165	71155	43.893	ng	98
52) Acenaphthene	9.975	154	316584	47.057	ng	98
53) 3-Nitroaniline	9.886	138	49223	27.800	ng	97
54) 2,4-Dinitrophenol	9.992	184	89427	106.777	ng	97
55) Dibenzofuran	10.145	168	417111	43.085	ng	99
56) 4-Nitrophenol	10.039	139	148325	113.533	ng	94
57) 2,4-Dinitrotoluene	10.122	165	106463	50.288	ng	99
58) Fluorene	10.486	166	334722	44.754	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	87547	45.129	ng	# 99
60) Diethylphthalate	10.357	149	336727	45.904	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	156021	42.465	ng	98
62) 4-Nitroaniline	10.498	138	88055	54.834	ng	99
63) Azobenzene	10.639	77	321047	48.728	ng	97
65) 4,6-Dinitro-2-methylph...	10.528	198	59594	46.629	ng	100
66) n-Nitrosodiphenylamine	10.598	169	302640	38.627	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	100859	37.246	ng	97
68) Hexachlorobenzene	11.033	284	116897	39.031	ng	99
69) Atrazine	11.122	200	107203	51.521	ng	98
70) Pentachlorophenol	11.227	266	154568	91.410	ng	99
71) Phenanthrene	11.451	178	528821	43.208	ng	100
72) Anthracene	11.504	178	544100	43.560	ng	99
73) Carbazole	11.657	167	529990	49.633	ng	100
74) Di-n-butylphthalate	11.986	149	608435	52.055	ng	99
75) Fluoranthene	12.639	202	660582	57.764	ng	100
77) Benzidine	12.763	184	338429	43.116	ng	99
78) Pyrene	12.874	202	669848	34.043	ng	99
80) Butylbenzylphthalate	13.486	149	271799	49.991	ng	99
81) Benzo(a)anthracene	14.057	228	611032	43.383	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	81284	19.027	ng	97
83) Chrysene	14.098	228	524218	41.421	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	376196	54.051	ng	100
85) Di-n-octyl phthalate	14.663	149	605040	44.459	ng	100
87) Indeno(1,2,3-cd)pyrene	17.068	276	477933	36.138	ng	99
88) Benzo(b)fluoranthene	15.121	252	530624	50.894	ng	98
89) Benzo(k)fluoranthene	15.151	252	416436	42.645	ng	99
90) Benzo(a)pyrene	15.498	252	434657	44.228	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	382303	35.642	ng	99
92) Benzo(g,h,i)perylene	17.527	276	380185	35.437	ng	100

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

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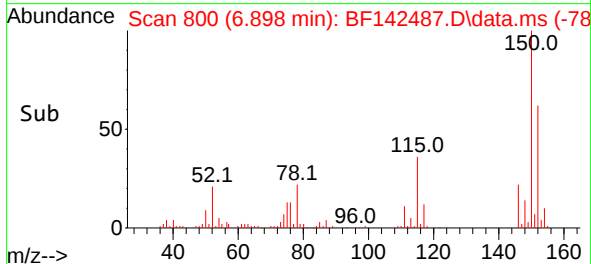
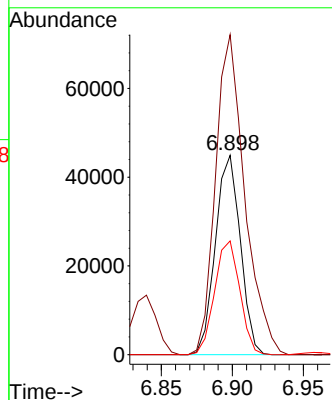
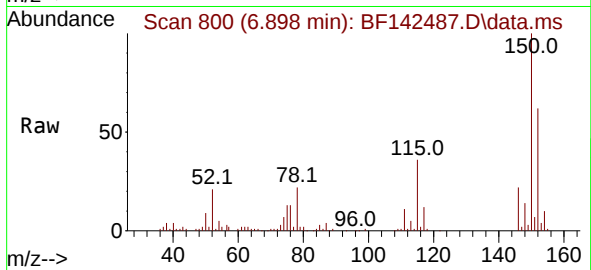




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF142487.D
 Acq: 21 May 2025 15:06

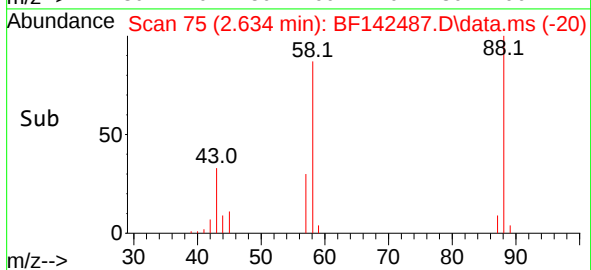
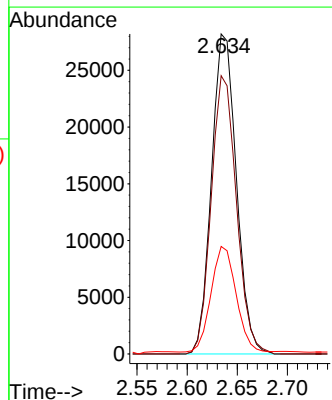
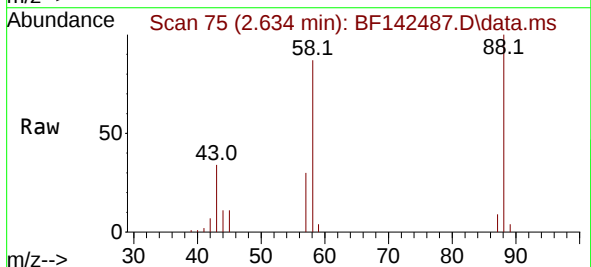
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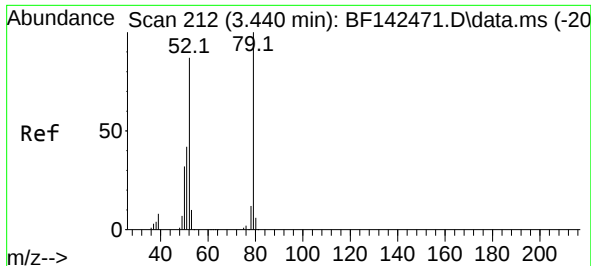
Tgt Ion:152 Resp: 54835
 Ion Ratio Lower Upper
 152 100
 150 160.5 128.2 192.4
 115 57.0 48.3 72.5



#2
 1,4-Dioxane
 Concen: 37.304 ng
 RT: 2.634 min Scan# 75
 Delta R.T. -0.029 min
 Lab File: BF142487.D
 Acq: 21 May 2025 15:06

Tgt Ion: 88 Resp: 48586
 Ion Ratio Lower Upper
 88 100
 58 88.2 70.8 106.2
 43 33.9 26.6 40.0

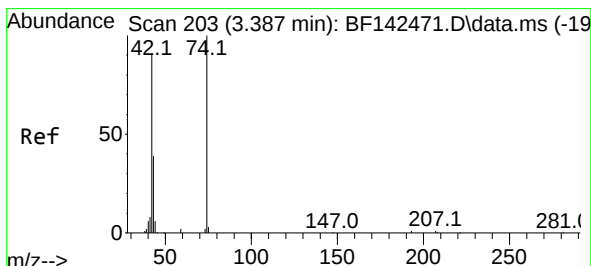
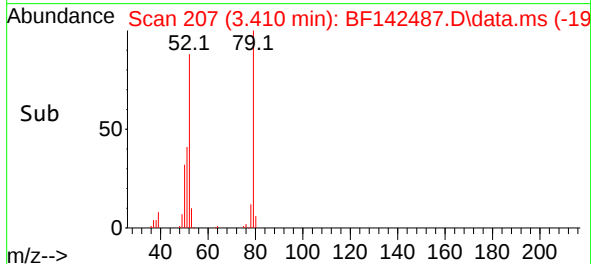
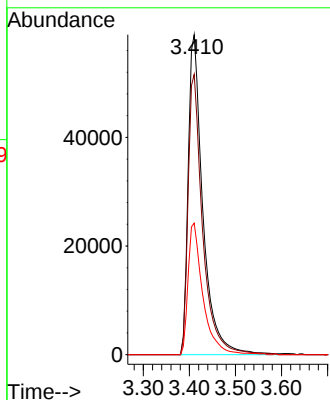
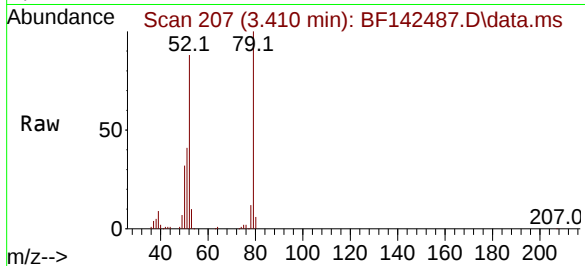




#3
Pyridine
Concen: 39.308 ng
RT: 3.410 min Scan# 20
Delta R.T. -0.029 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

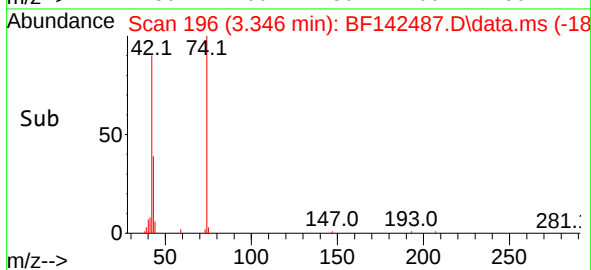
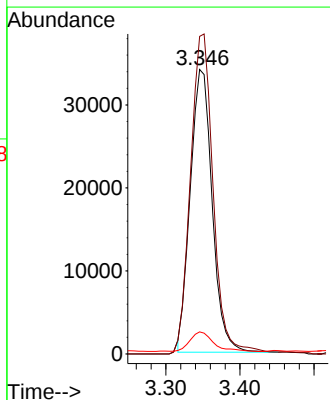
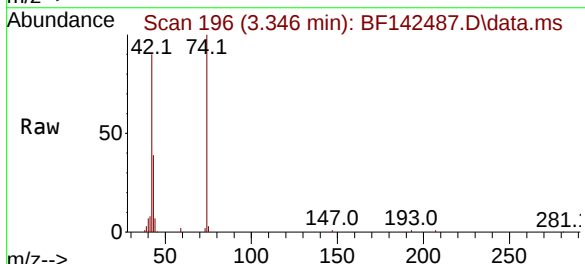
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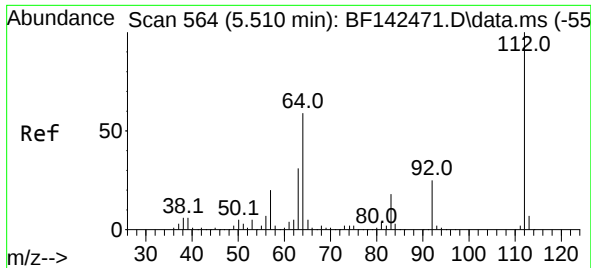
Tgt Ion: 79 Resp: 130372
Ion Ratio Lower Upper
79 100
52 87.6 69.2 103.8
51 41.1 33.3 49.9



#4
n-Nitrosodimethylamine
Concen: 40.629 ng
RT: 3.346 min Scan# 196
Delta R.T. -0.059 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion: 42 Resp: 69967
Ion Ratio Lower Upper
42 100
74 111.6 88.2 132.4
44 7.7 5.4 8.2

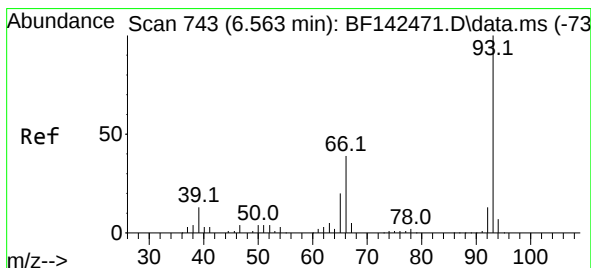
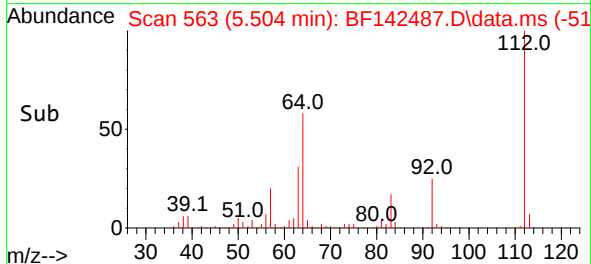
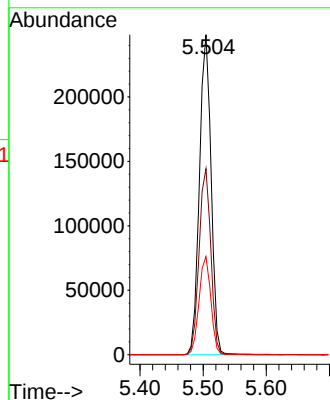
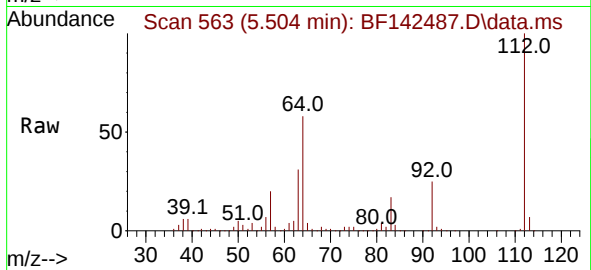




#5
2-Fluorophenol
Concen: 97.605 ng
RT: 5.504 min Scan# 51
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

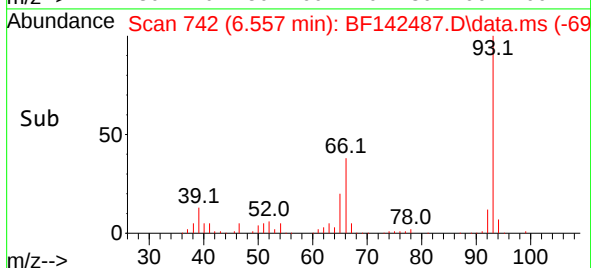
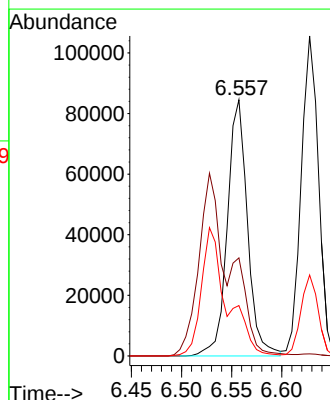
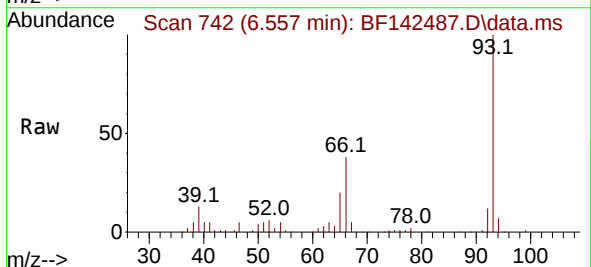
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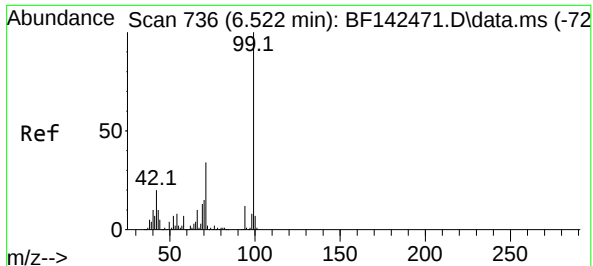
Tgt Ion:112 Resp: 317682
Ion Ratio Lower Upper
112 100
64 58.1 47.5 71.3
63 30.7 24.9 37.3



#6
Aniline
Concen: 22.472 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion: 93 Resp: 118384
Ion Ratio Lower Upper
93 100
66 38.3 32.0 48.0
65 19.7 16.1 24.1

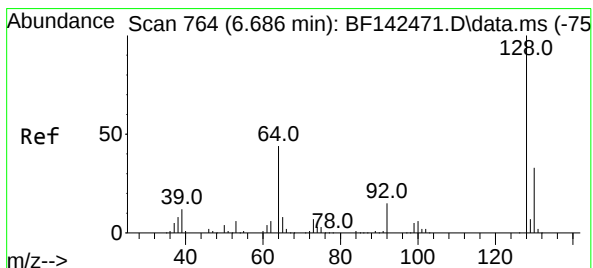
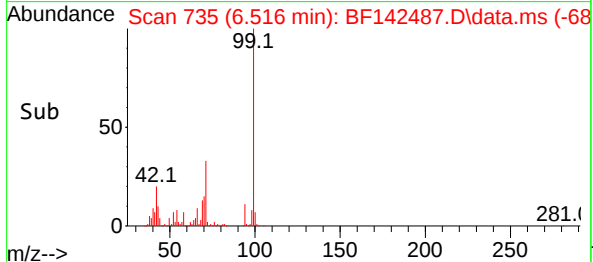
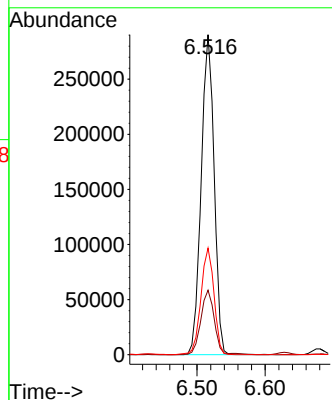
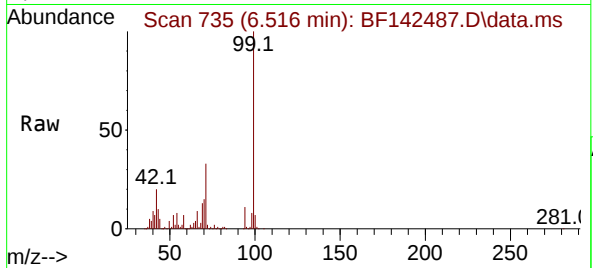




#7
Phenol-d6
Concen: 97.770 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

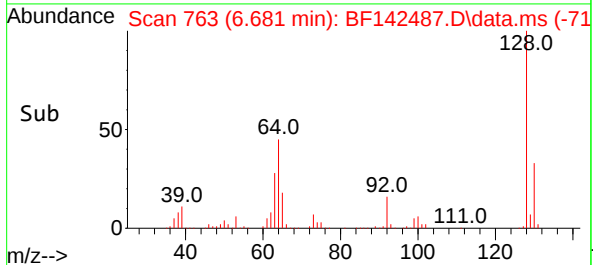
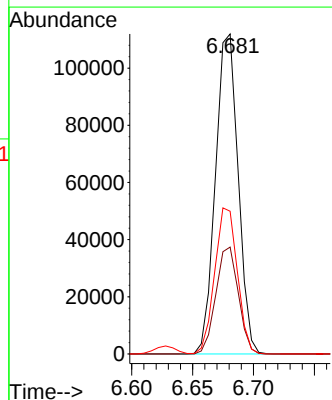
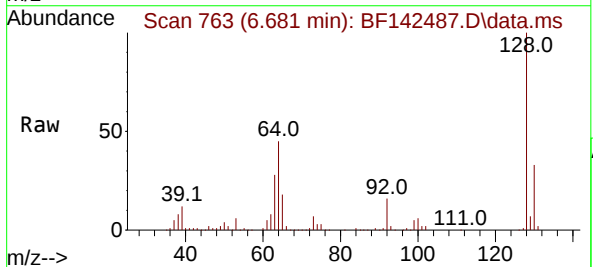
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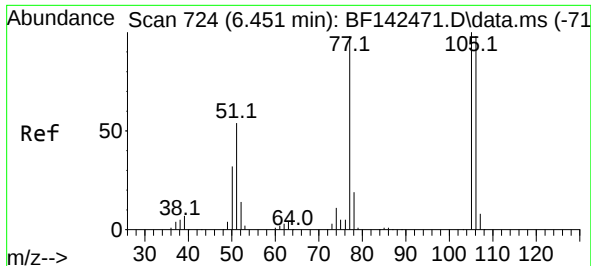
Tgt Ion: 99 Resp: 383061
Ion Ratio Lower Upper
99 100
42 20.2 16.2 24.2
71 33.3 27.3 40.9



#8
2-Chlorophenol
Concen: 40.904 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
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Tgt Ion: 128 Resp: 145011
Ion Ratio Lower Upper
128 100
130 33.4 12.6 52.6
64 44.6 25.1 65.1

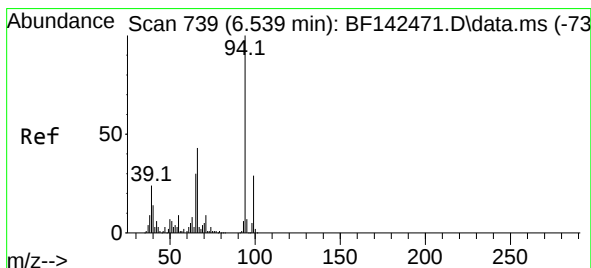
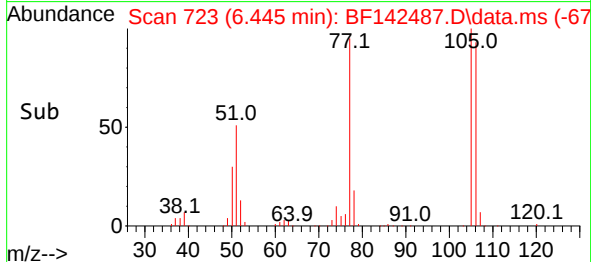
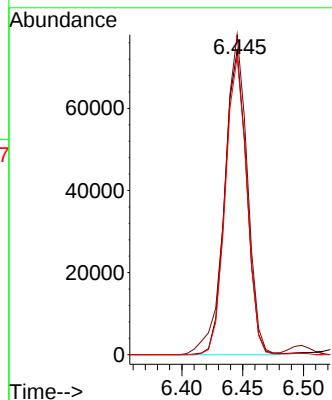
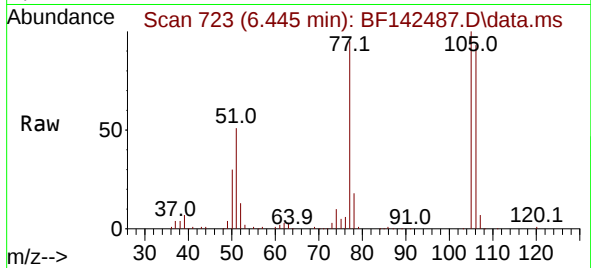




#9
Benzaldehyde
Concen: 38.852 ng
RT: 6.445 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

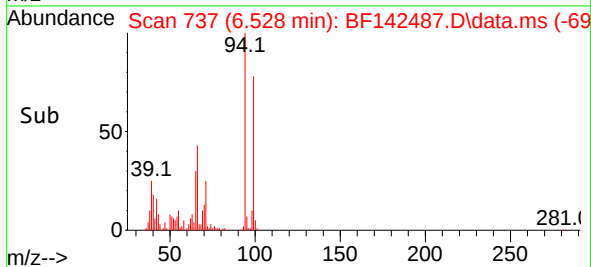
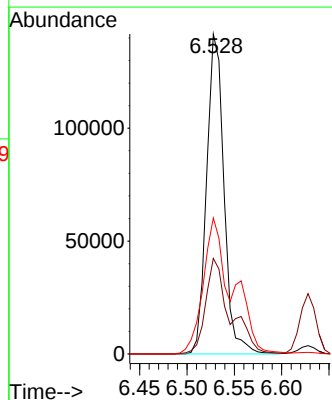
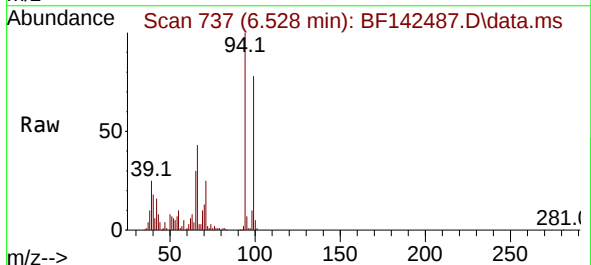
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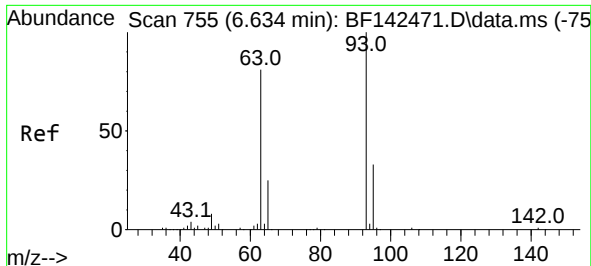
Tgt Ion: 77 Resp: 91556
Ion Ratio Lower Upper
77 100
105 105.2 82.5 122.5
106 97.9 80.0 120.0



#10
Phenol
Concen: 40.838 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.023 min
Lab File: BF142487.D
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Tgt Ion: 94 Resp: 180038
Ion Ratio Lower Upper
94 100
65 29.9 10.3 50.3
66 42.5 22.6 62.6

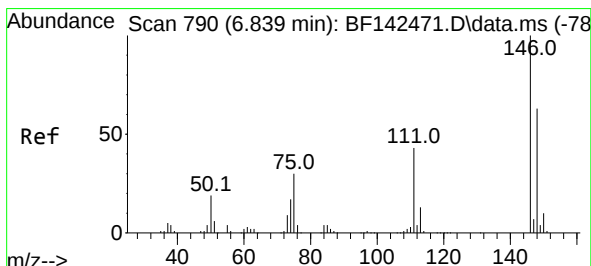
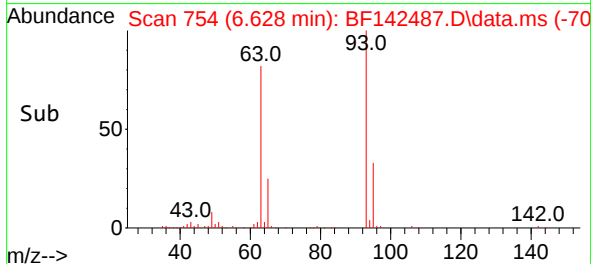
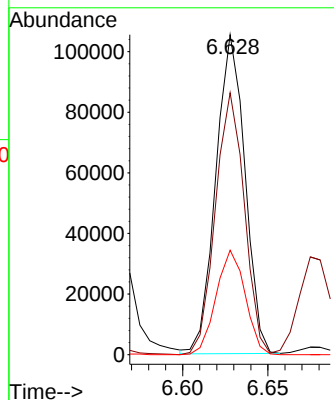
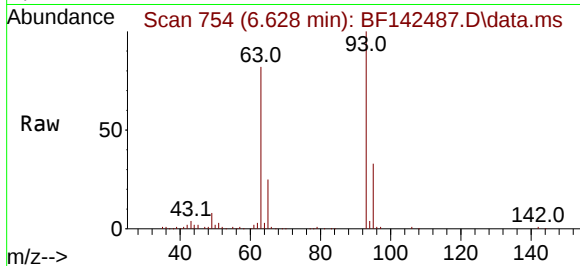




#11
bis(2-Chloroethyl)ether
Concen: 39.472 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

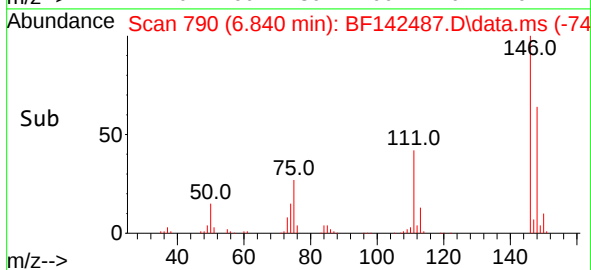
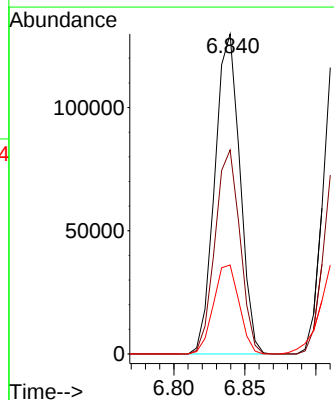
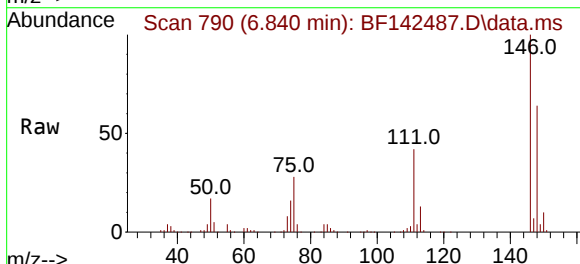
Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion: 93 Resp: 125263
Ion Ratio Lower Upper
93 100
63 81.8 60.2 100.2
95 32.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 40.291 ng
RT: 6.840 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion: 146 Resp: 159388
Ion Ratio Lower Upper
146 100
148 63.7 50.6 75.8
75 27.8 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 40.477 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142487.D

Acq: 21 May 2025 15:06

Instrument :

BNA_F

ClientSampleId :

SS-11MS

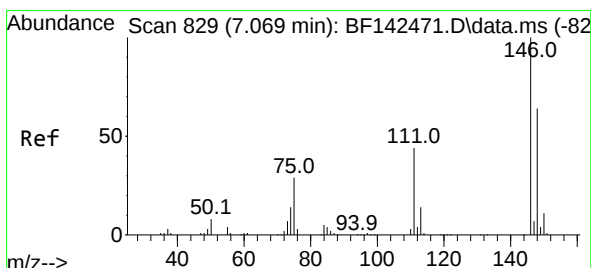
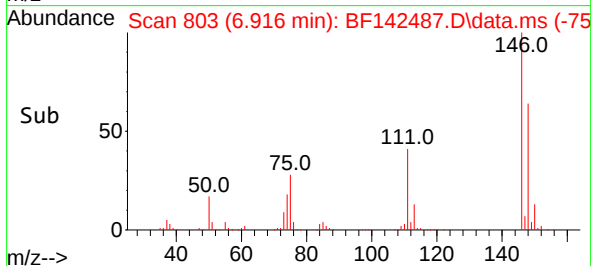
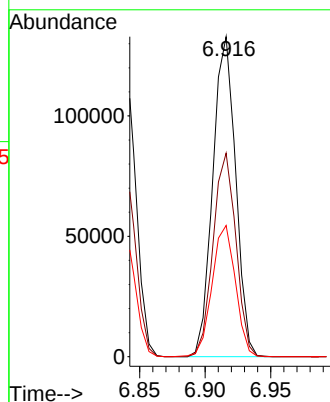
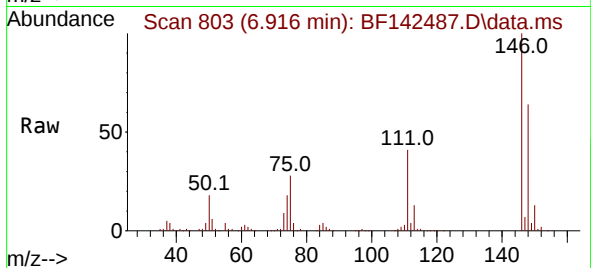
Tgt Ion:146 Resp: 161291

Ion Ratio Lower Upper

146 100

148 63.6 50.4 75.6

111 41.0 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 40.226 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142487.D

Acq: 21 May 2025 15:06

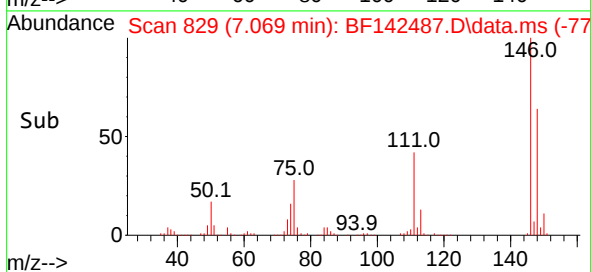
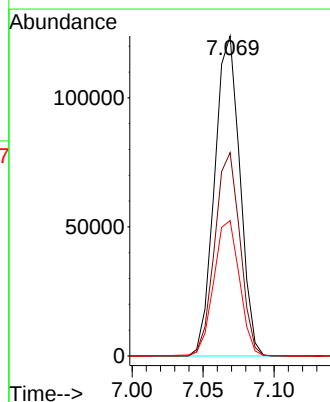
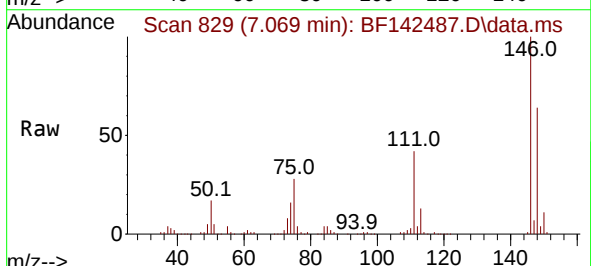
Tgt Ion:146 Resp: 153379

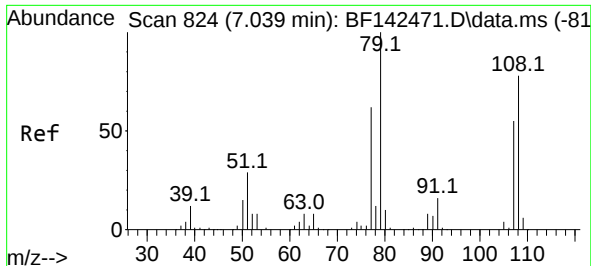
Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.4

111 42.3 35.0 52.6

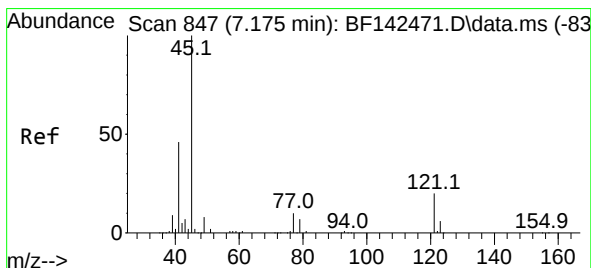
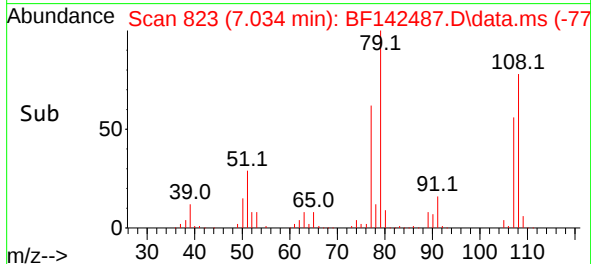
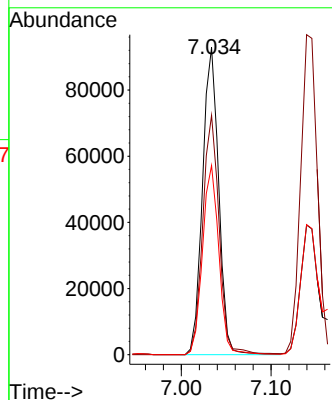
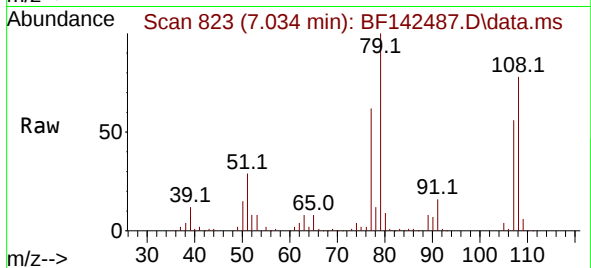




#15
Benzyl Alcohol
Concen: 40.178 ng
RT: 7.034 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

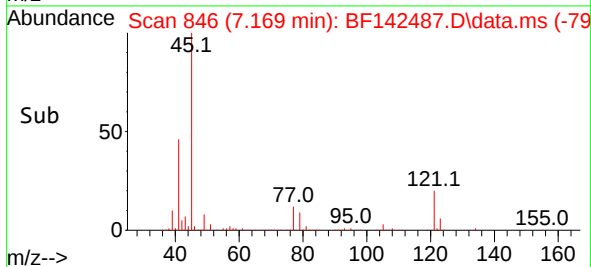
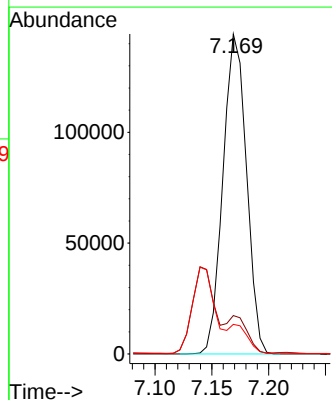
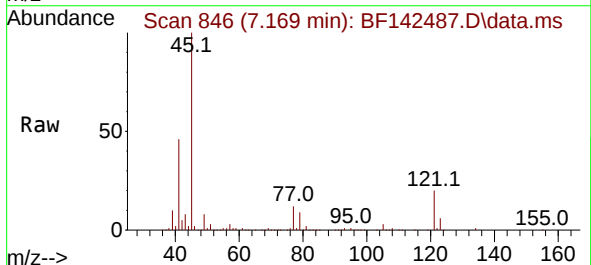
Instrument :
BNA_F
ClientSampleId :
SS-11MS

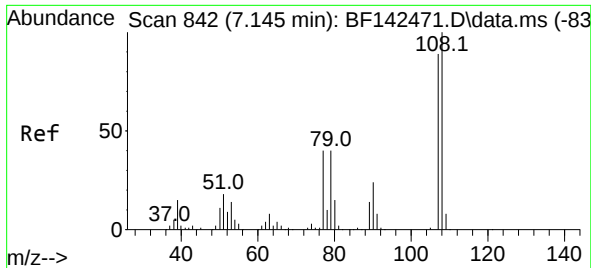
Tgt Ion: 79 Resp: 116330
Ion Ratio Lower Upper
79 100
108 77.9 62.1 93.1
77 61.6 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.993 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion: 45 Resp: 207807
Ion Ratio Lower Upper
45 100
77 12.0 0.0 32.0
79 9.2 0.0 29.2

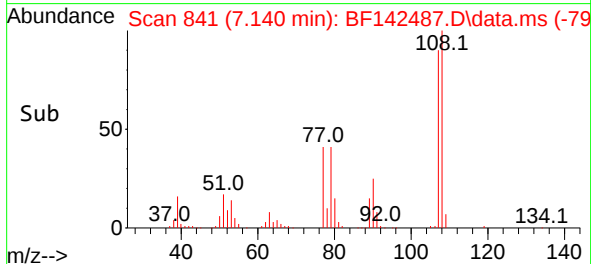
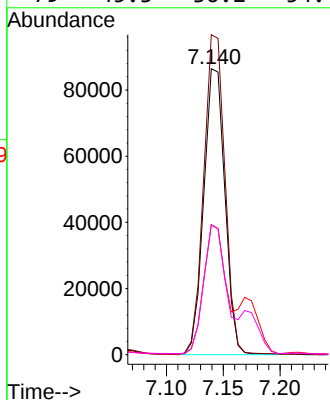
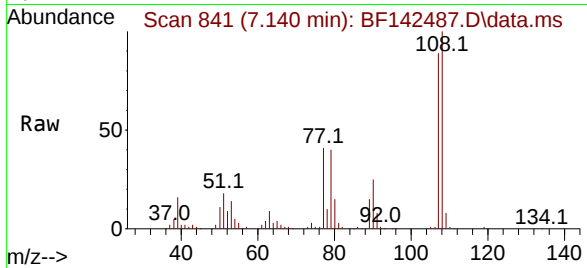




#17
2-Methylphenol
Concen: 40.510 ng
RT: 7.140 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

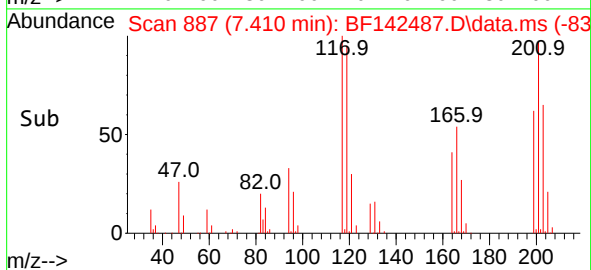
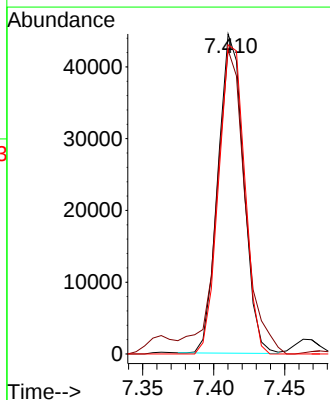
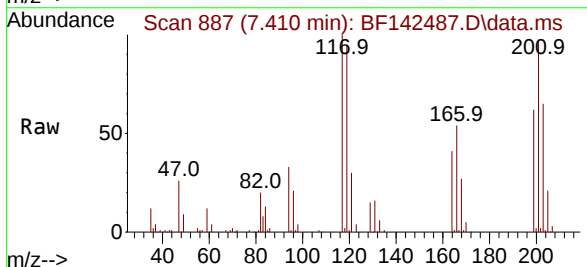
Instrument :
BNA_F
ClientSampleId :
SS-11MS

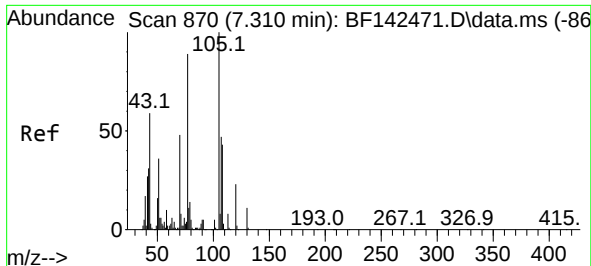
Tgt Ion:107	Resp:	112125
Ion Ratio	Lower	Upper
107	100	
108	111.9	90.2 135.2
77	45.5	36.1 54.1
79	45.3	36.2 54.4



#18
Hexachloroethane
Concen: 40.136 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:117	Resp:	55846
Ion Ratio	Lower	Upper
117	100	
119	95.0	76.6 114.8
201	96.6	81.3 121.9

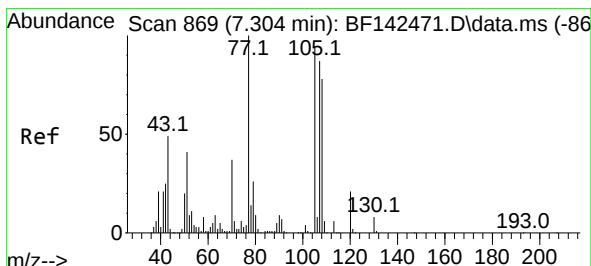
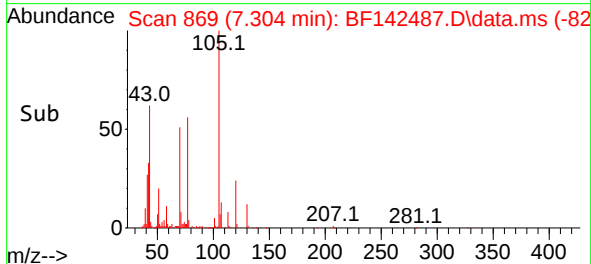
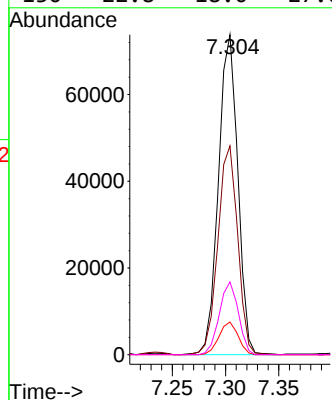
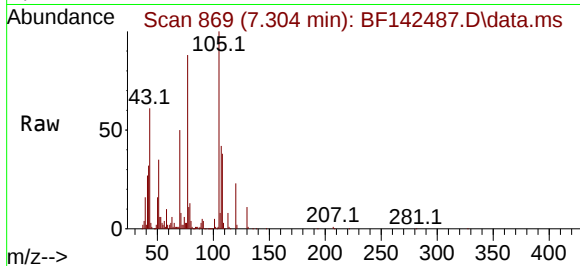




#19
n-Nitroso-di-n-propylamine
Concen: 38.396 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.023 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

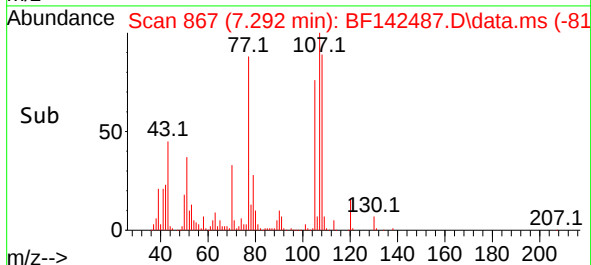
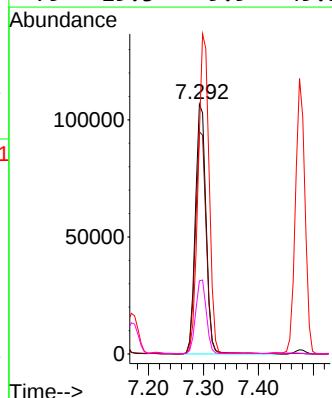
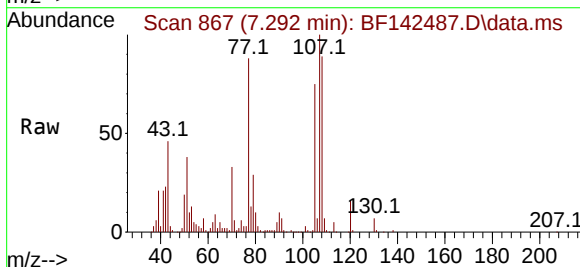
Instrument :
BNA_F
ClientSampleId :
SS-11MS

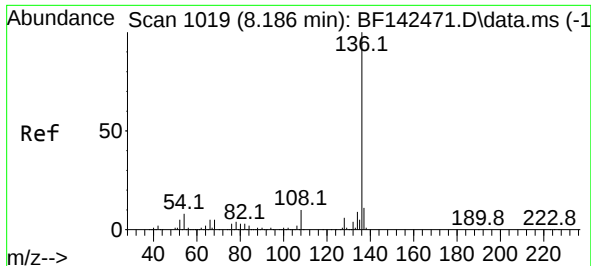
Tgt Ion:	70	Resp:	93232
Ion	Ratio	Lower	Upper
70	100		
42	65.3	52.4	78.6
101	10.2	7.8	11.8
130	22.8	18.0	27.0



#20
3+4-Methylphenols
Concen: 40.713 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.018 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:	107	Resp:	144305
Ion	Ratio	Lower	Upper
107	100		
108	88.9	70.4	110.4
77	88.2	95.4	135.4#
79	29.3	9.9	49.9

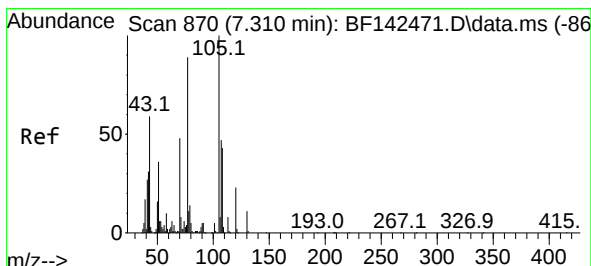
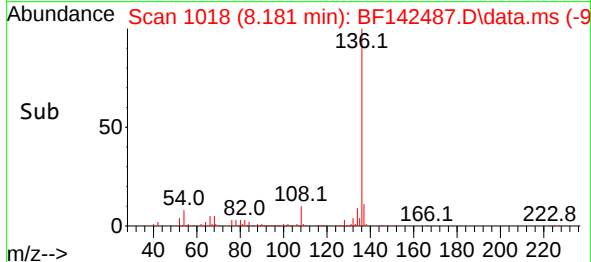
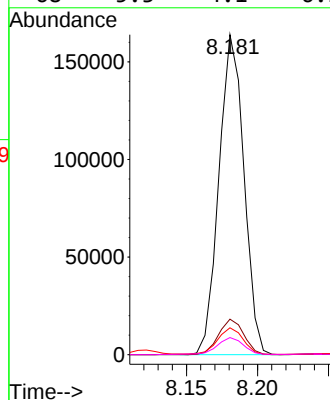
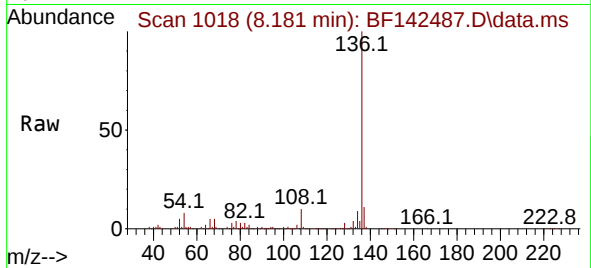




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

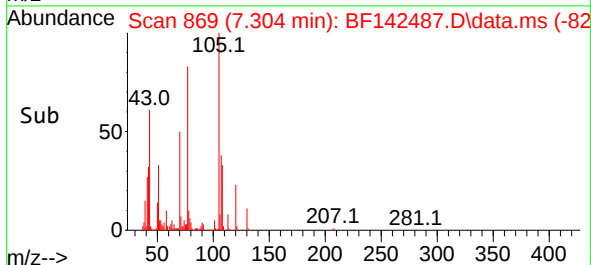
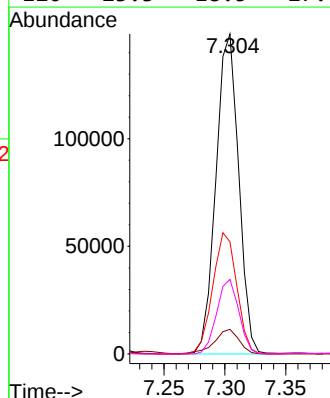
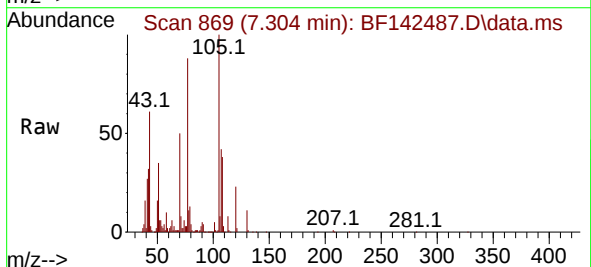
Instrument :
BNA_F
ClientSampleId :
SS-11MS

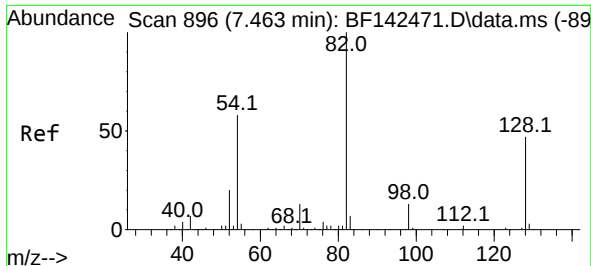
Tgt Ion:136 Resp: 200654
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.4 6.6 10.0
68 5.3 4.1 6.1



#22
Acetophenone
Concen: 43.554 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:105 Resp: 193459
Ion Ratio Lower Upper
105 100
71 7.7 6.4 9.6
51 35.0 28.6 42.8
120 23.3 18.5 27.7

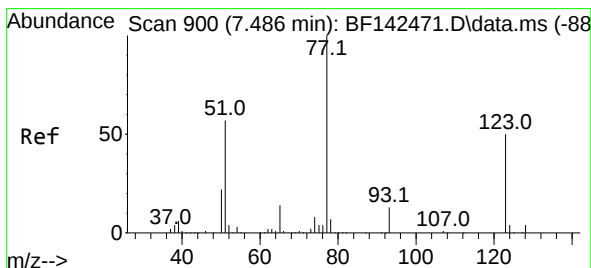
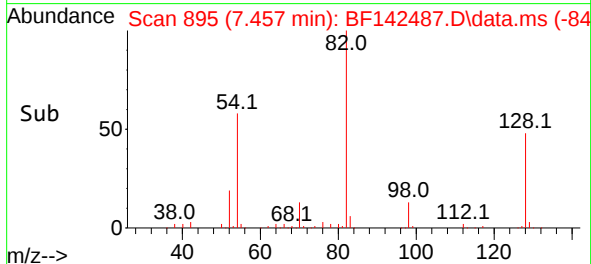
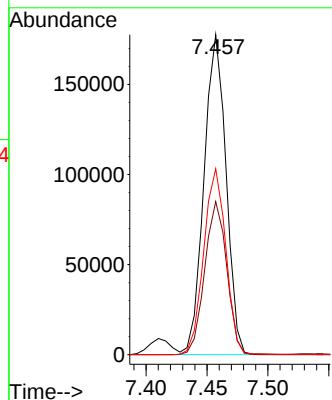
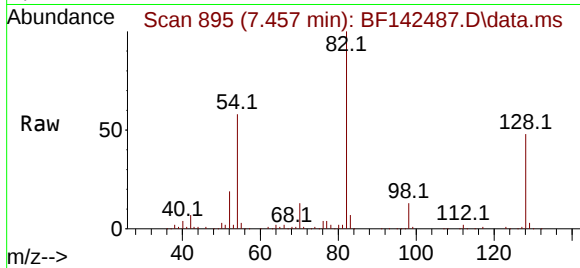




#23
Nitrobenzene-d5
Concen: 60.428 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

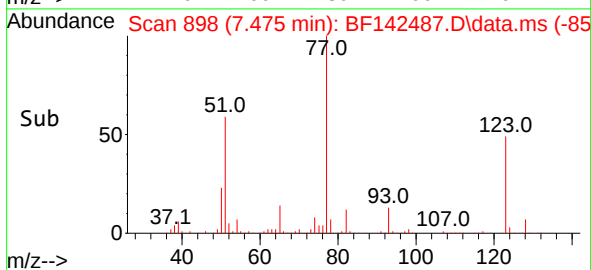
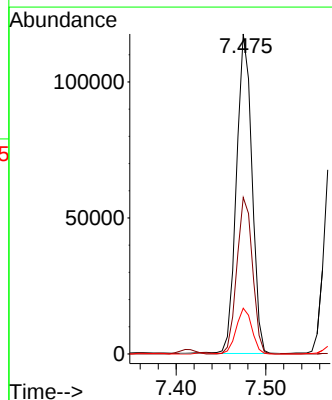
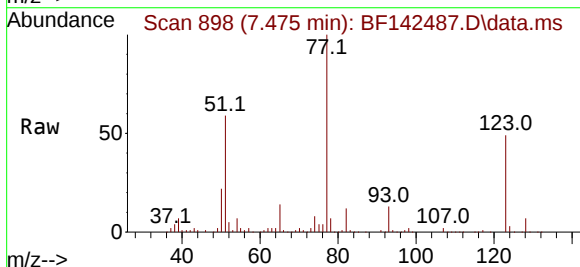
Instrument :
BNA_F
ClientSampleId :
SS-11MS

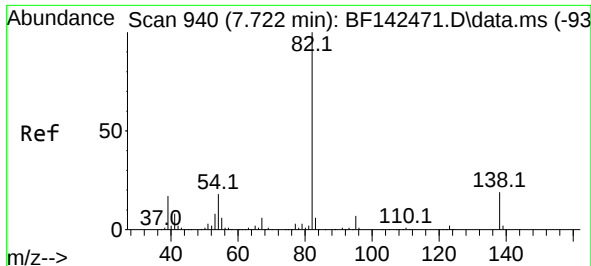
Tgt Ion: 82 Resp: 222361
Ion Ratio Lower Upper
82 100
128 47.8 37.4 56.2
54 58.1 46.6 70.0



#24
Nitrobenzene
Concen: 42.492 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.018 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion: 77 Resp: 141023
Ion Ratio Lower Upper
77 100
123 48.9 40.6 61.0
65 14.3 11.4 17.2

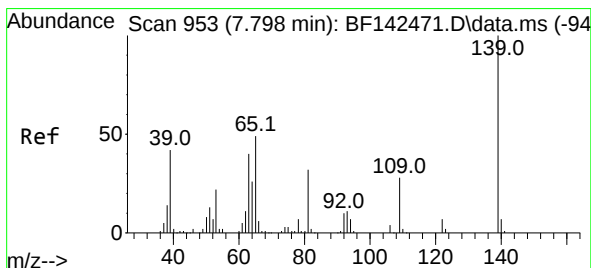
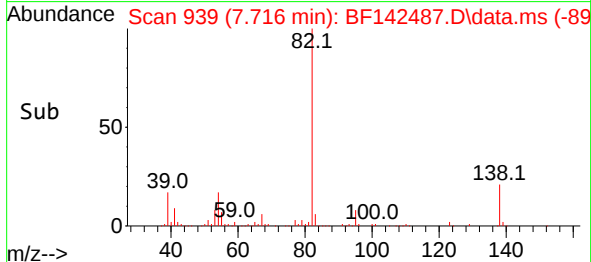
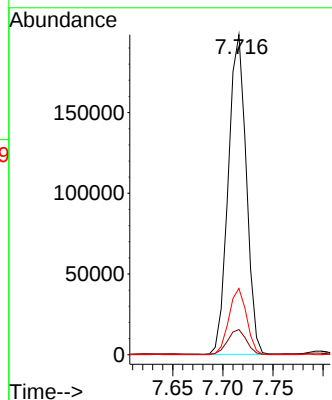
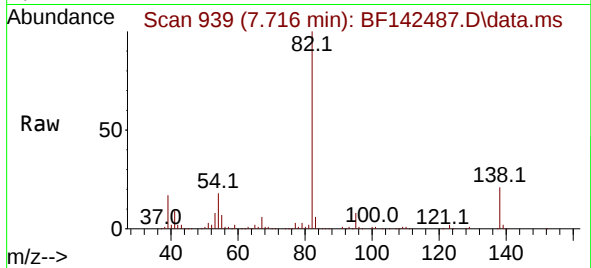




#25
Isophorone
Concen: 40.136 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

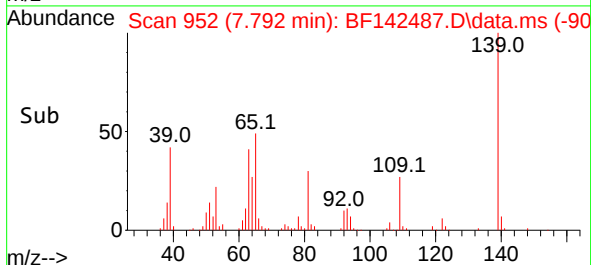
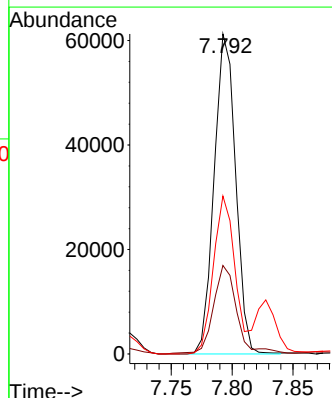
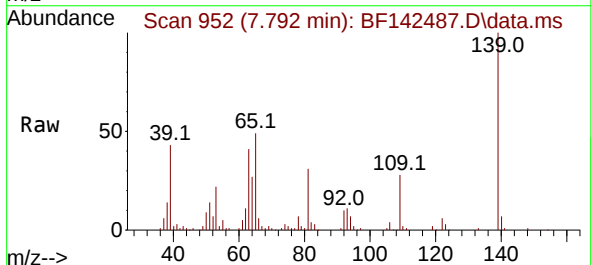
Instrument :
BNA_F
ClientSampleId :
SS-11MS

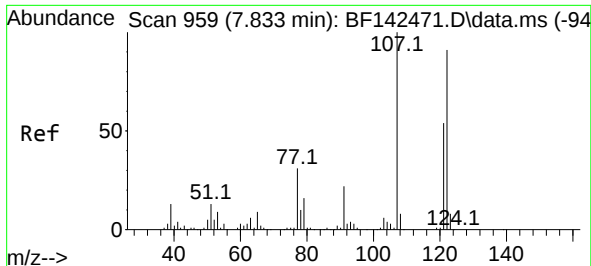
Tgt Ion: 82 Resp: 246928
Ion Ratio Lower Upper
82 100
95 7.9 6.0 9.0
138 20.7 15.5 23.3



#26
2-Nitrophenol
Concen: 42.480 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:139 Resp: 75333
Ion Ratio Lower Upper
139 100
109 27.6 22.6 33.8
65 49.4 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 42.346 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF142487.D

Acq: 21 May 2025 15:06

Instrument :

BNA_F

ClientSampleId :

SS-11MS

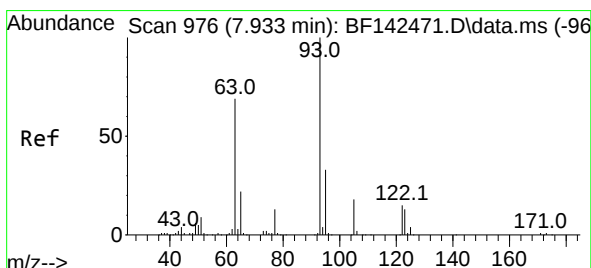
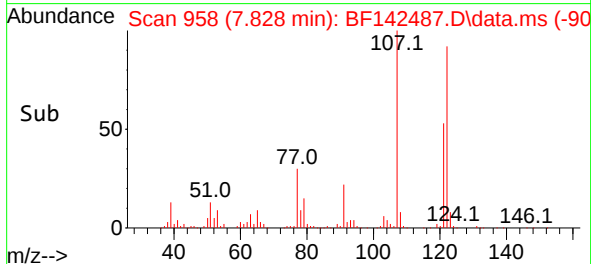
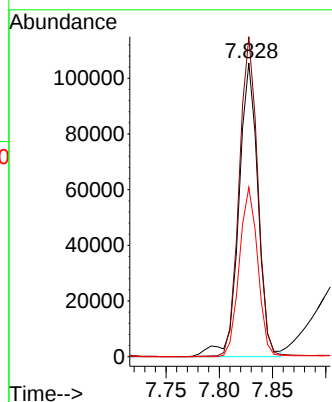
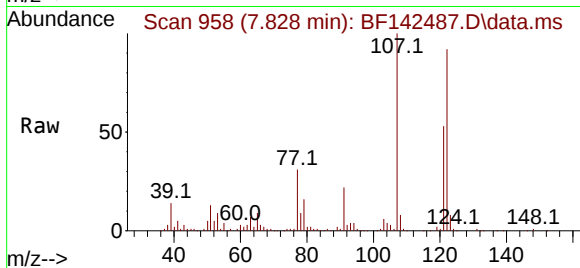
Tgt Ion:122 Resp: 132431

Ion Ratio Lower Upper

122 100

107 109.0 88.1 132.1

121 57.6 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 40.240 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142487.D

Acq: 21 May 2025 15:06

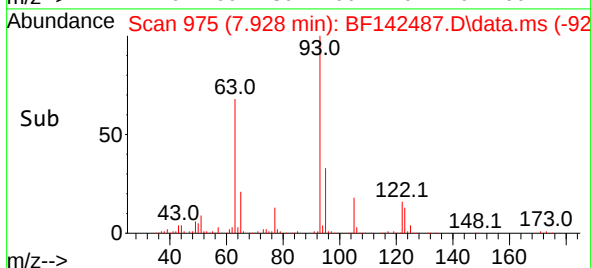
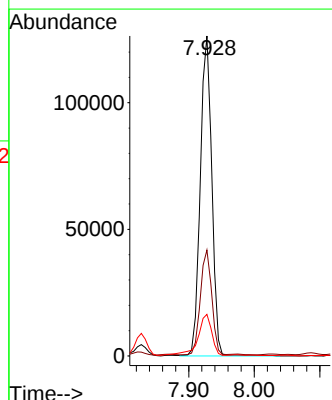
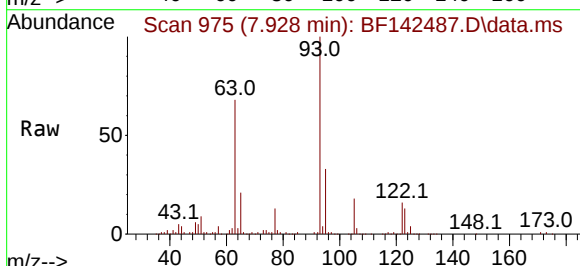
Tgt Ion: 93 Resp: 154653

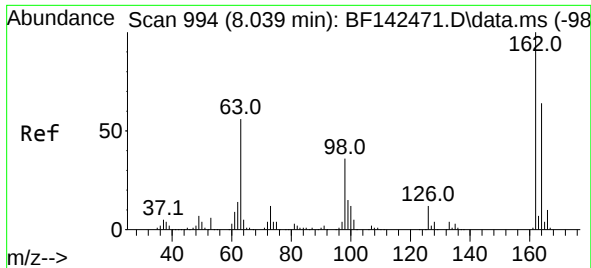
Ion Ratio Lower Upper

93 100

95 33.1 26.4 39.6

123 13.0 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 42.087 ng

RT: 8.034 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF142487.D

Acq: 21 May 2025 15:06

Instrument :

BNA_F

ClientSampleId :

SS-11MS

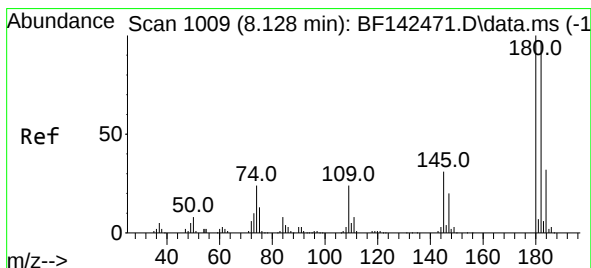
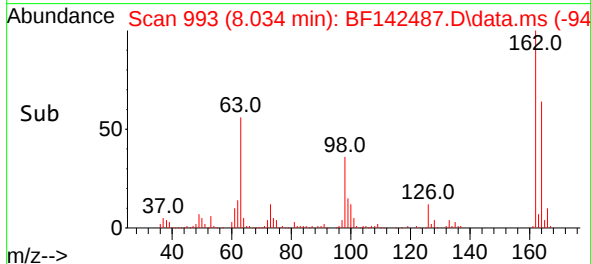
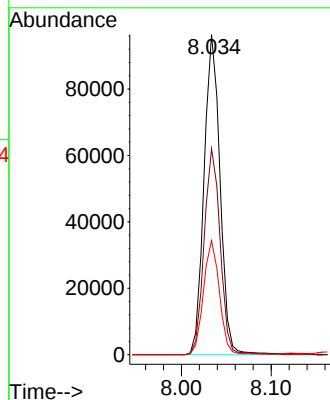
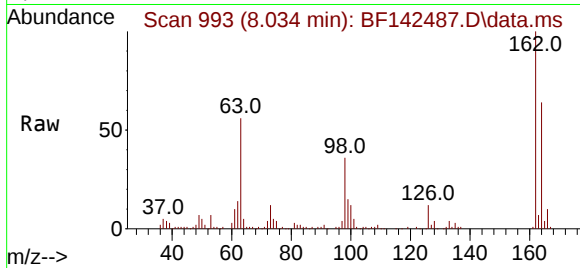
Tgt Ion:162 Resp: 119698

Ion Ratio Lower Upper

162 100

164 64.4 43.7 83.7

98 35.6 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 41.750 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142487.D

Acq: 21 May 2025 15:06

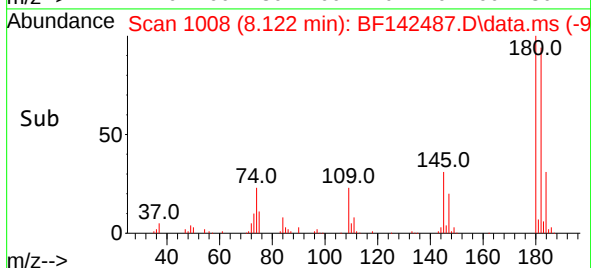
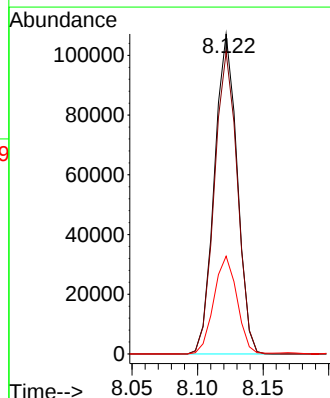
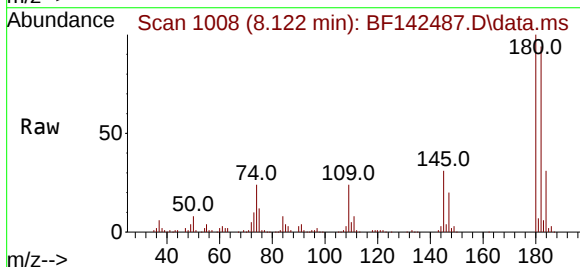
Tgt Ion:180 Resp: 128865

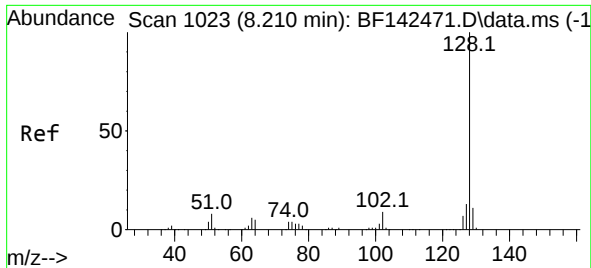
Ion Ratio Lower Upper

180 100

182 94.3 78.0 117.0

145 30.6 25.0 37.6

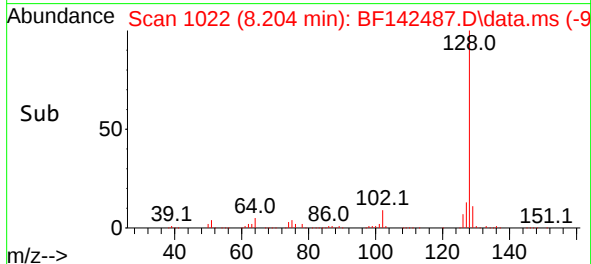
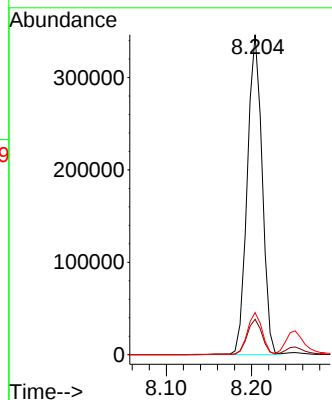
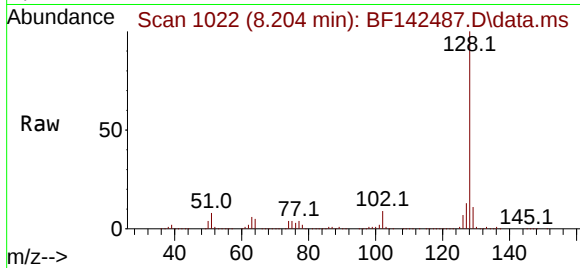




#31
Naphthalene
Concen: 42.437 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

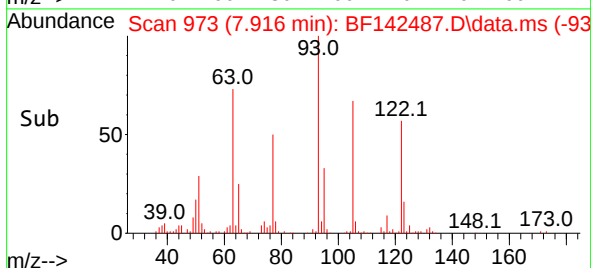
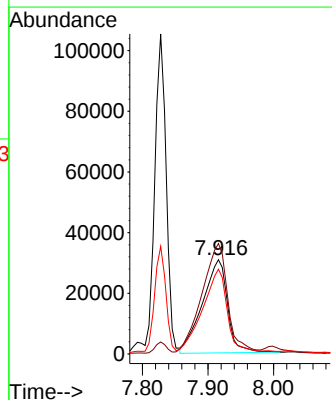
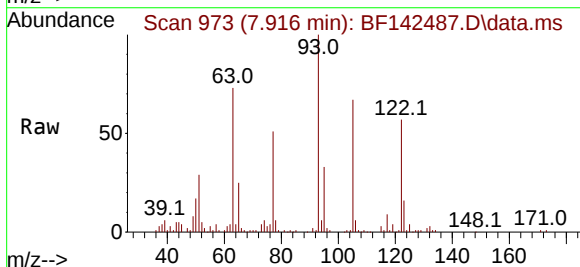
Instrument :
BNA_F
ClientSampleId :
SS-11MS

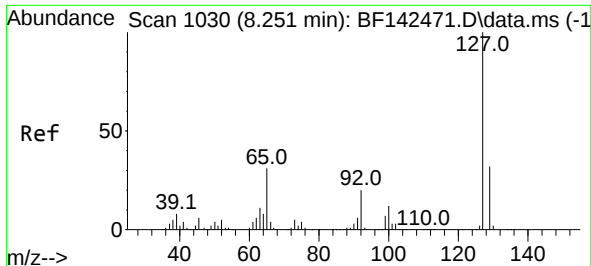
Tgt Ion:128 Resp: 419286
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 42.991 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.059 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:122 Resp: 81841
Ion Ratio Lower Upper
122 100
105 117.2 101.7 141.7
77 90.0 69.5 109.5

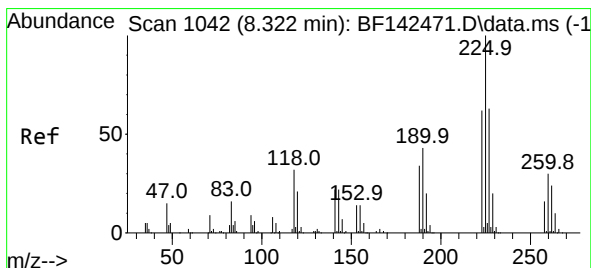
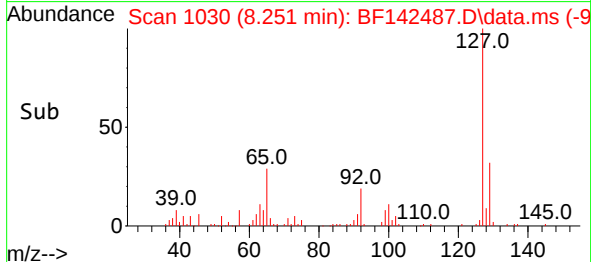
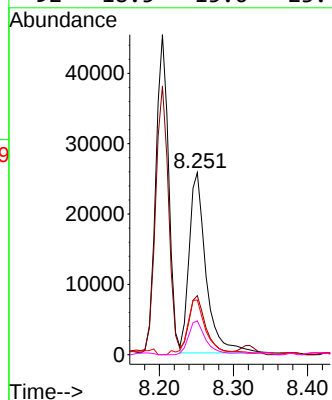
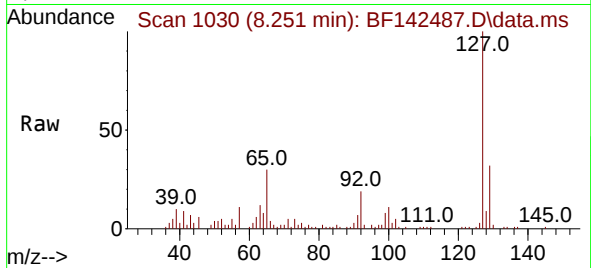




#33
4-Chloroaniline
Concen: 10.183 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

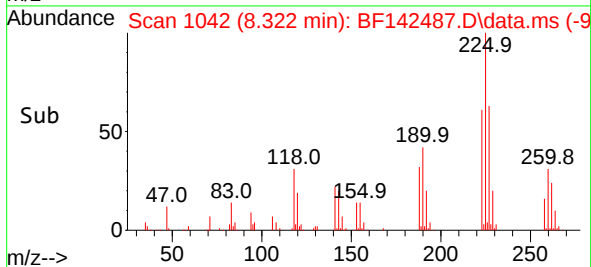
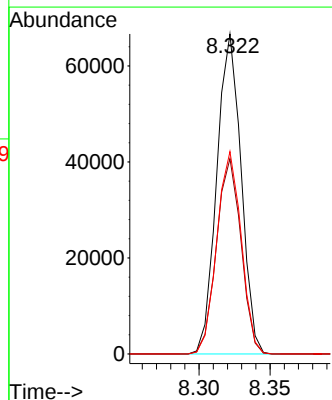
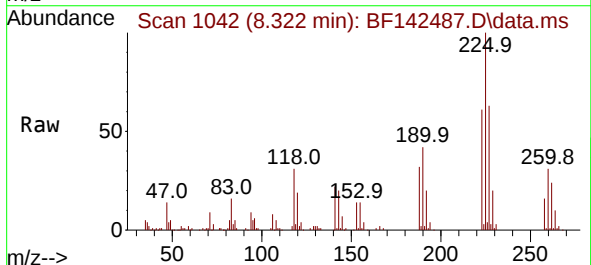
Instrument :
BNA_F
ClientSampleId :
SS-11MS

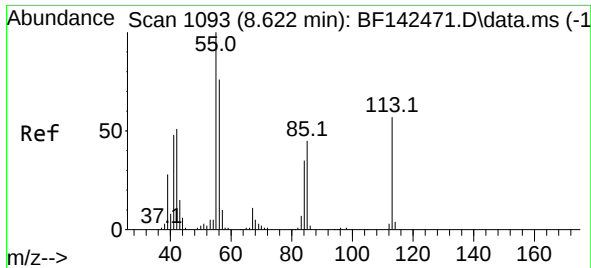
Tgt Ion:	127	Resp:	40768
Ion Ratio	Lower	Upper	
127	100		
129	32.4	26.1	39.1
65	30.1	24.9	37.3
92	18.5	15.6	23.4



#34
Hexachlorobutadiene
Concen: 41.136 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:	225	Resp:	79280
Ion Ratio	Lower	Upper	
225	100		
223	61.0	49.7	74.5
227	63.2	50.3	75.5

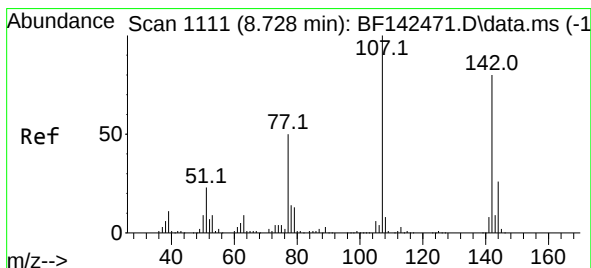
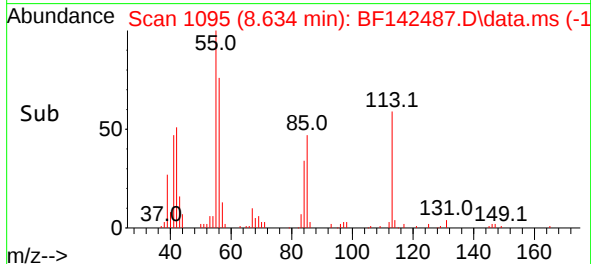
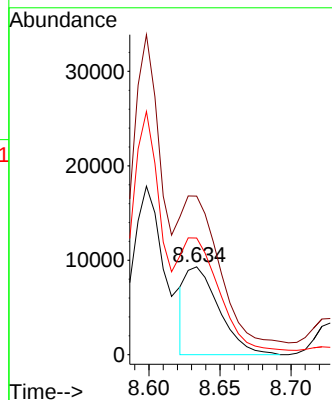
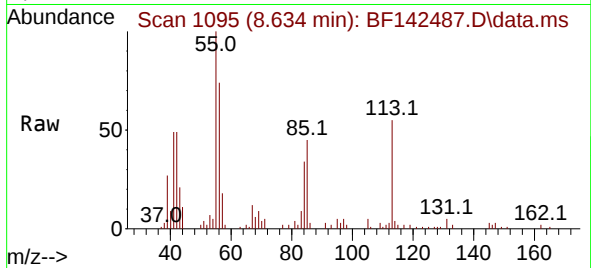




#35
 Caprolactam
 Concen: 18.974 ng
 RT: 8.634 min Scan# 1095
 Delta R.T. -0.012 min
 Lab File: BF142487.D
 Acq: 21 May 2025 15:06

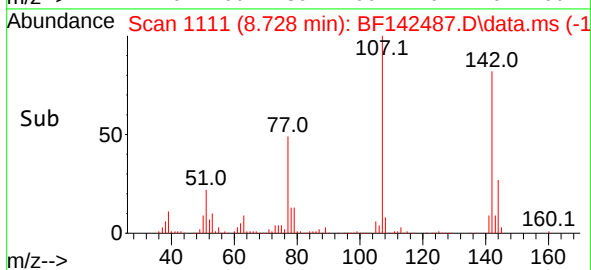
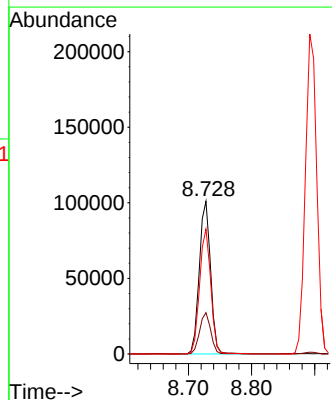
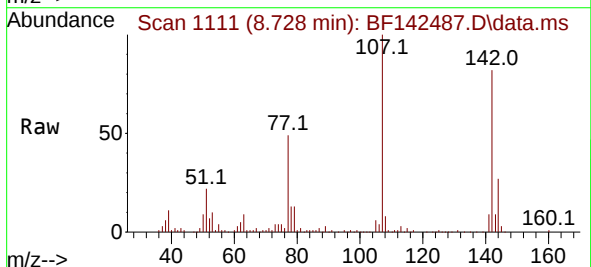
Instrument :
 BNA_F
 ClientSampleId :
 SS-11MS

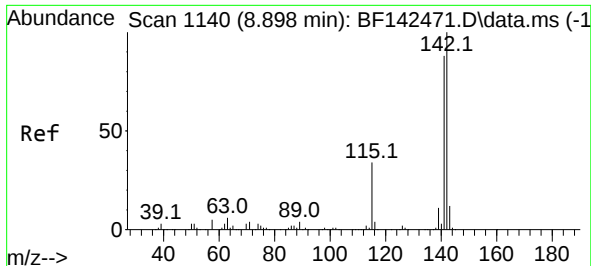
Tgt Ion:113 Resp: 15156
 Ion Ratio Lower Upper
 113 100
 55 180.7 154.7 194.7
 56 132.9 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 43.206 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF142487.D
 Acq: 21 May 2025 15:06

Tgt Ion:107 Resp: 125934
 Ion Ratio Lower Upper
 107 100
 144 27.0 20.9 31.3
 142 81.8 64.2 96.2

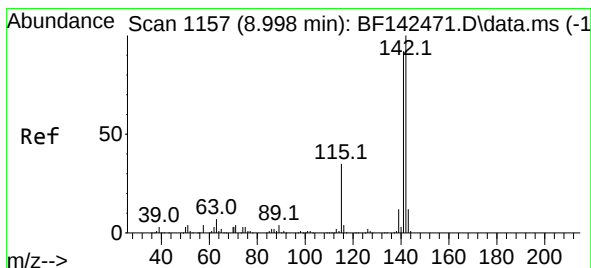
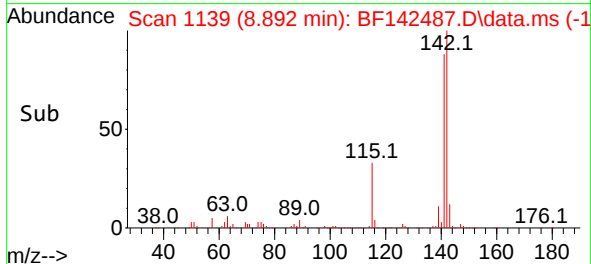
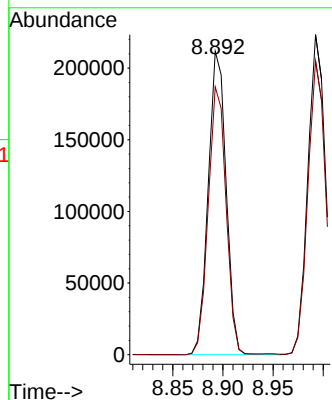
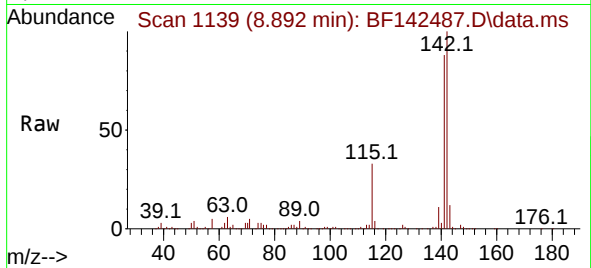




#37
2-Methylnaphthalene
Concen: 42.270 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

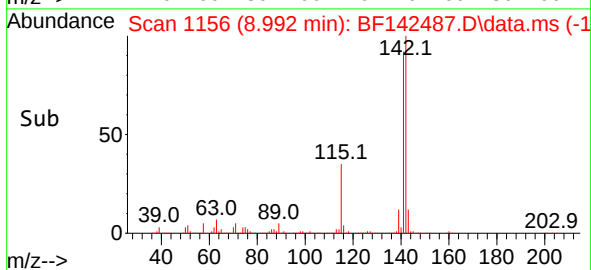
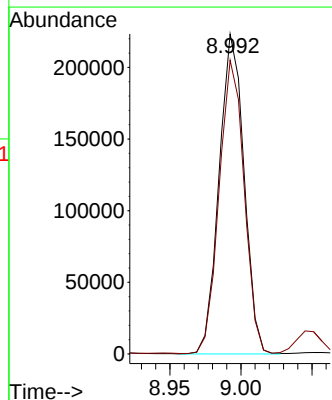
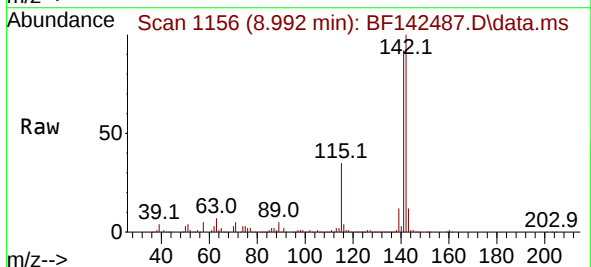
Instrument :
BNA_F
ClientSampleId :
SS-11MS

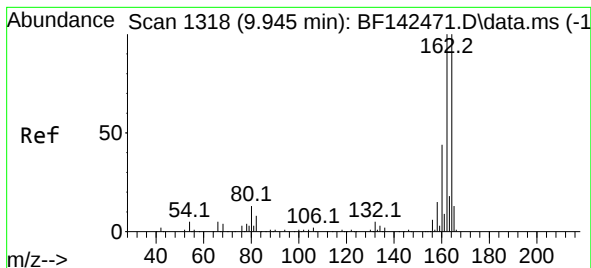
Tgt Ion:142 Resp: 262739
Ion Ratio Lower Upper
142 100
141 88.3 70.7 106.1



#38
1-Methylnaphthalene
Concen: 42.320 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:142 Resp: 272097
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1138

Delta R.T. -0.006 min

Lab File: BF142487.D

Acq: 21 May 2025 15:06

Instrument :

BNA_F

ClientSampleId :

SS-11MS

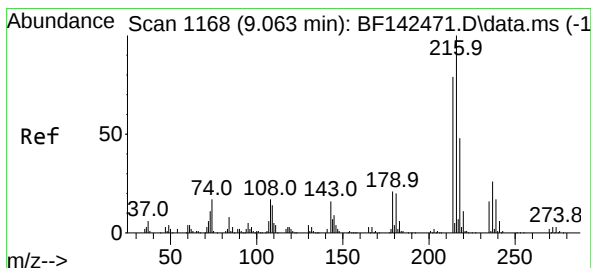
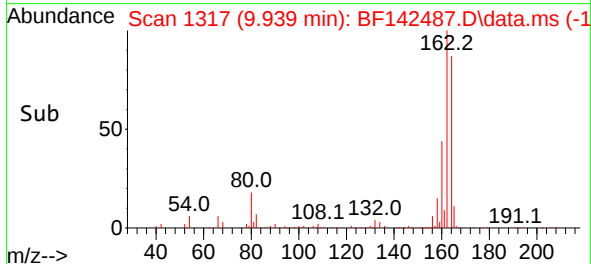
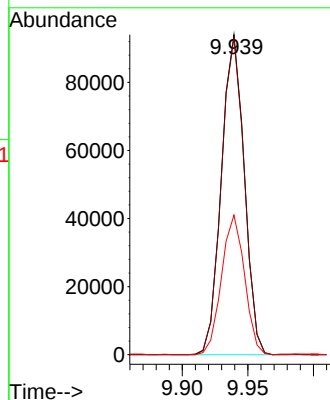
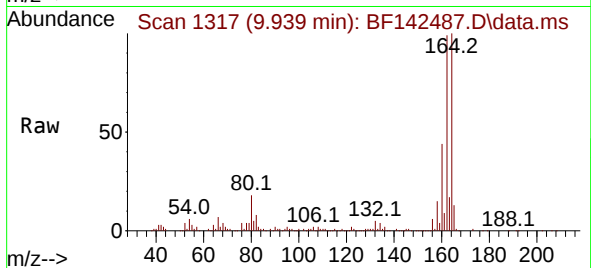
Tgt Ion:164 Resp: 113830

Ion Ratio Lower Upper

164 100

162 99.1 80.2 120.4

160 43.6 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.437 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142487.D

Acq: 21 May 2025 15:06

Tgt Ion:216 Resp: 132130

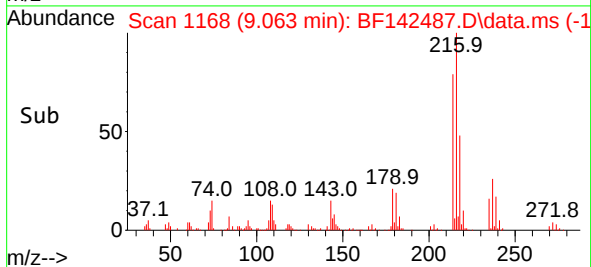
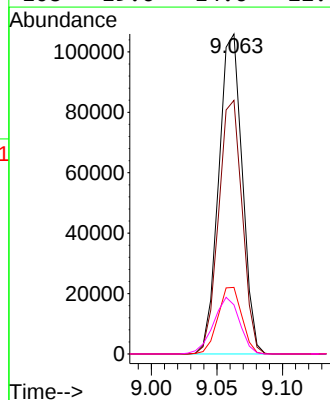
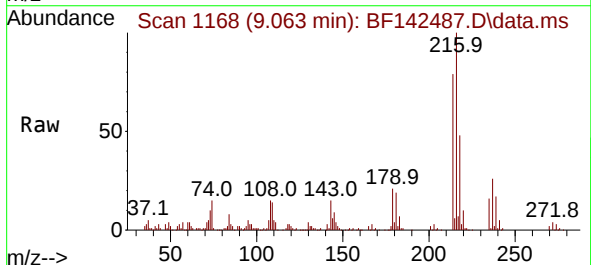
Ion Ratio Lower Upper

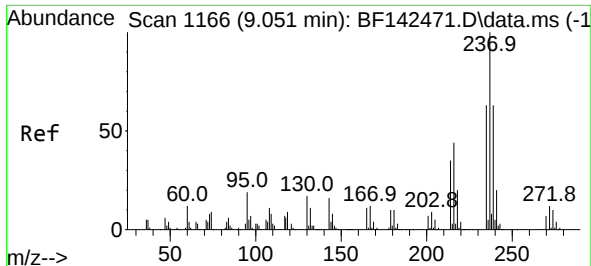
216 100

214 79.3 62.9 94.3

179 21.2 16.9 25.3

108 19.6 14.6 22.0

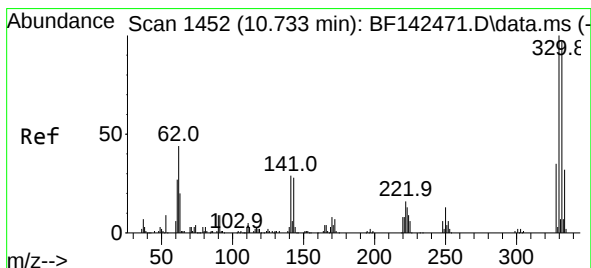
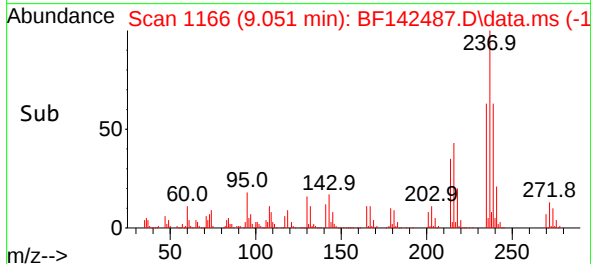
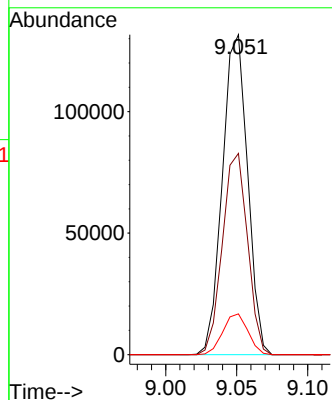
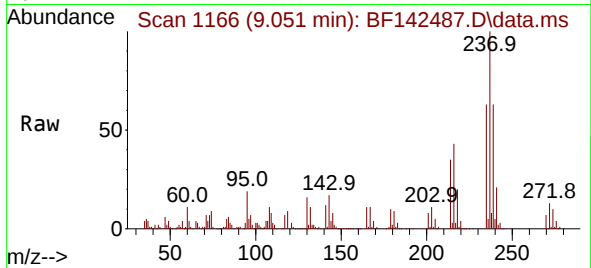




#41
Hexachlorocyclopentadiene
Concen: 73.672 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

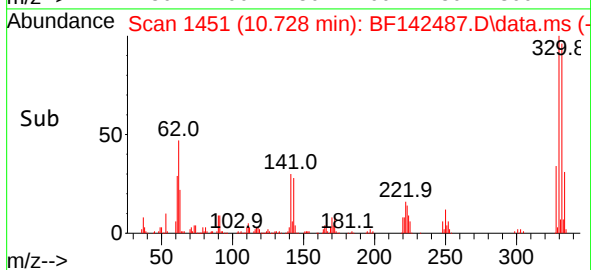
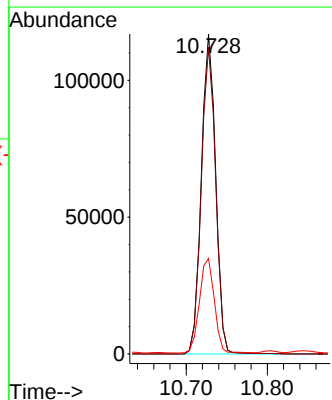
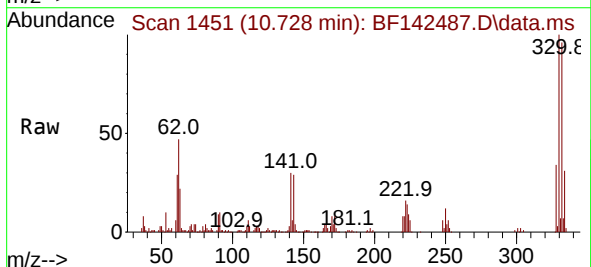
Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:237 Resp: 162392
Ion Ratio Lower Upper
237 100
235 62.9 43.3 83.3
272 12.8 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 113.457 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

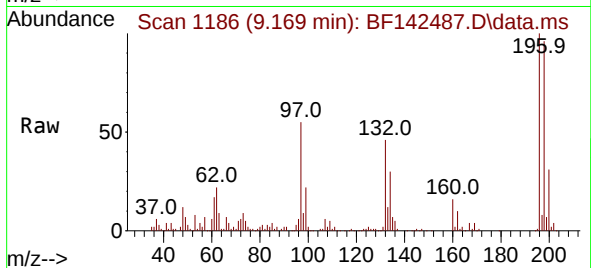
Tgt Ion:330 Resp: 143338
Ion Ratio Lower Upper
330 100
332 96.3 77.6 116.4
141 30.7 24.6 36.8



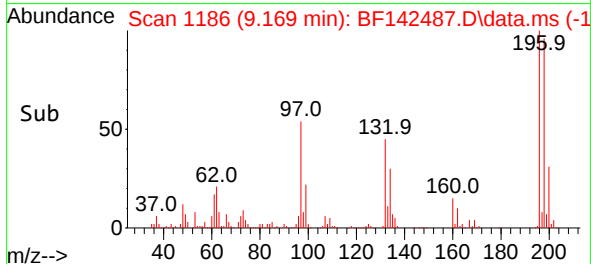
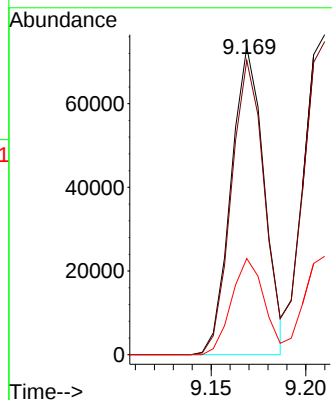


#43
2,4,6-Trichlorophenol
Concen: 40.459 ng
RT: 9.169 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

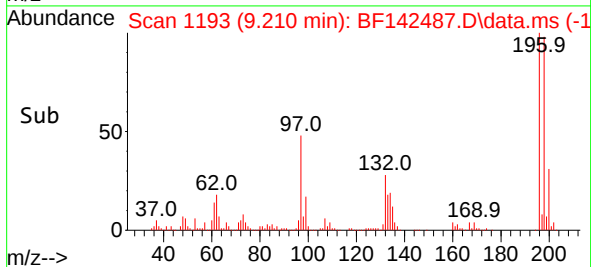
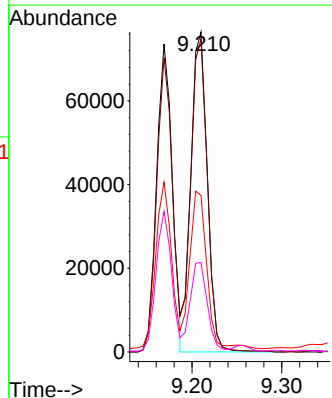
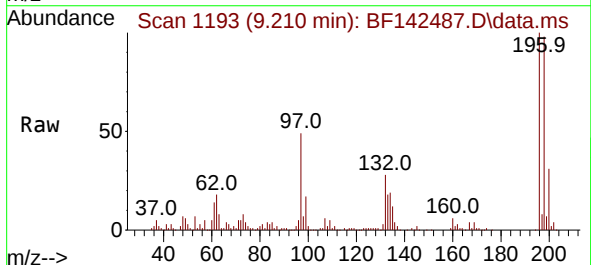


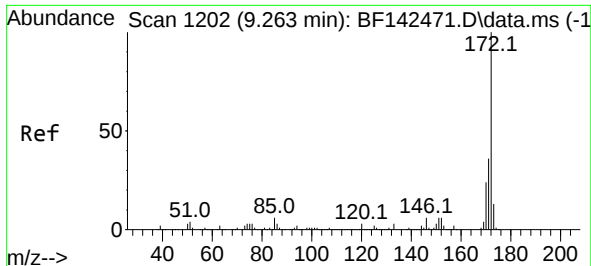
Tgt Ion:196 Resp: 89146
Ion Ratio Lower Upper
196 100
198 95.6 78.8 118.2
200 31.2 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 41.972 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:196 Resp: 97535
Ion Ratio Lower Upper
196 100
198 97.8 75.5 113.3
97 48.9 39.3 58.9
132 28.0 23.3 34.9

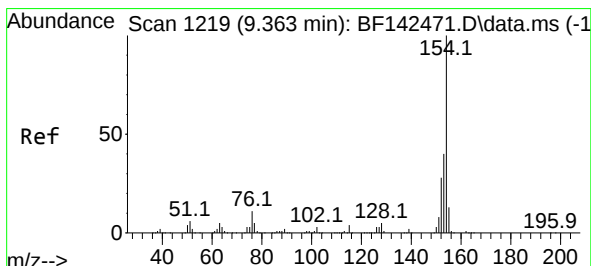
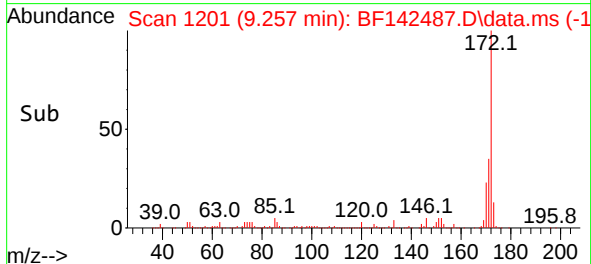
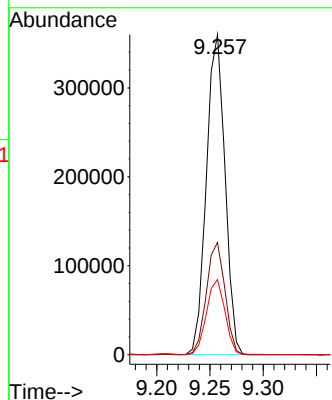
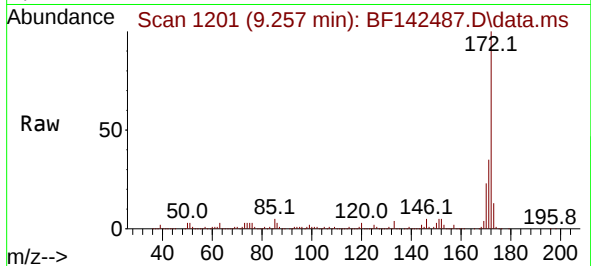




#45
2-Fluorobiphenyl
Concen: 51.603 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

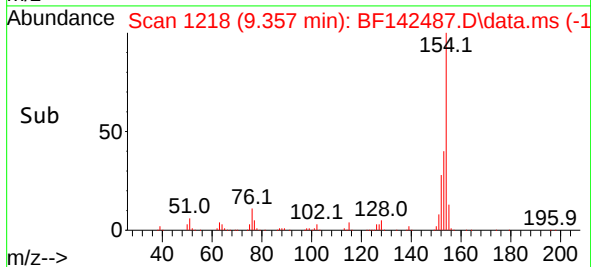
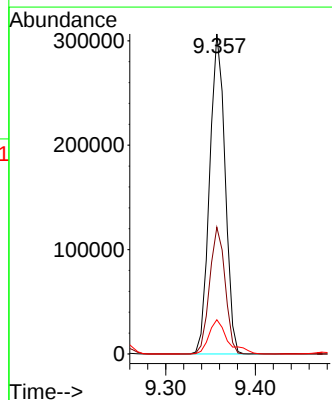
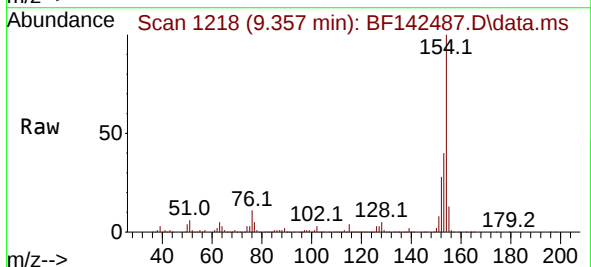
Instrument :
BNA_F
ClientSampleId :
SS-11MS

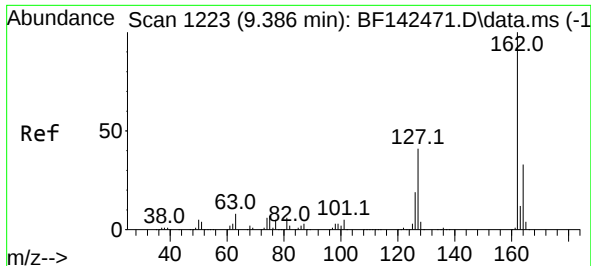
Tgt Ion:172 Resp: 437751
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.4 18.9 28.3



#46
1,1'-Biphenyl
Concen: 41.450 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:154 Resp: 366054
Ion Ratio Lower Upper
154 100
153 39.6 20.4 60.4
76 10.7 0.0 30.8





#47

2-Chloronaphthalene

Concen: 40.135 ng

RT: 9.381 min Scan# 1222

Delta R.T. -0.012 min

Lab File: BF142487.D

Acq: 21 May 2025 15:06

Instrument :

BNA_F

ClientSampleId :

SS-11MS

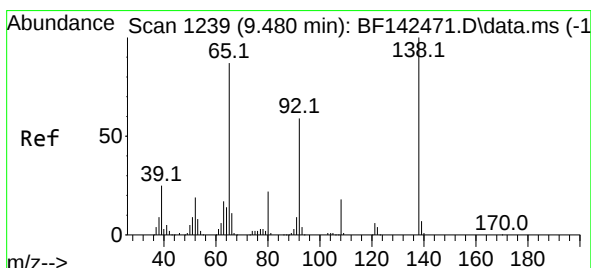
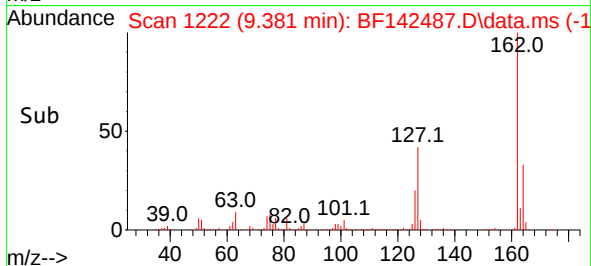
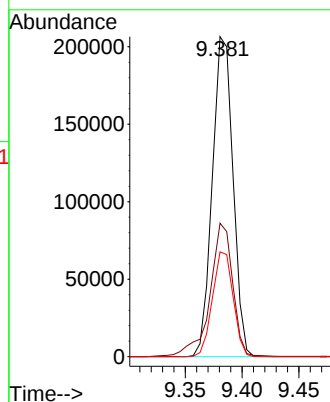
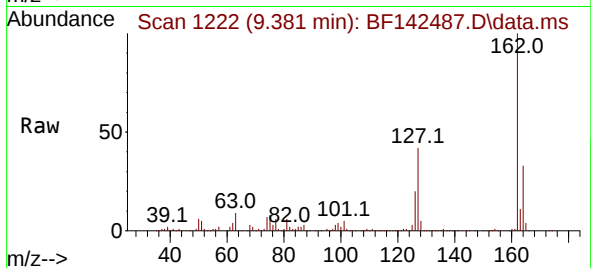
Tgt Ion:162 Resp: 261870

Ion Ratio Lower Upper

162 100

127 41.7 33.5 50.3

164 32.8 26.1 39.1



#48

2-Nitroaniline

Concen: 44.275 ng

RT: 9.475 min Scan# 1238

Delta R.T. -0.011 min

Lab File: BF142487.D

Acq: 21 May 2025 15:06

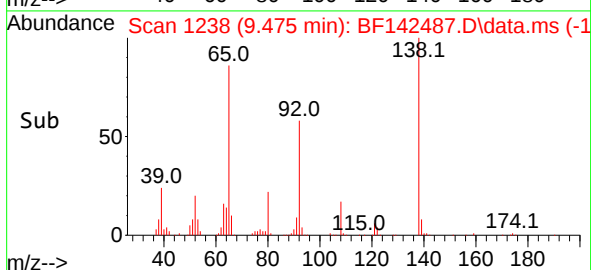
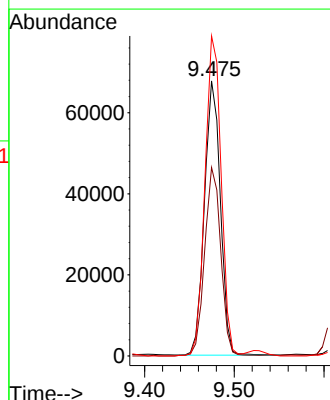
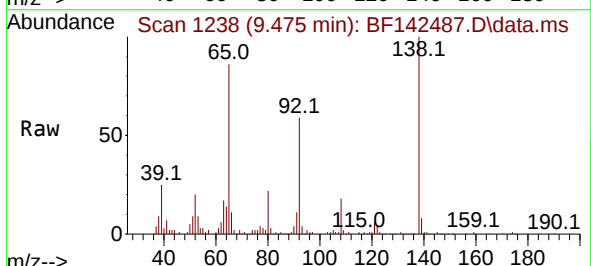
Tgt Ion: 65 Resp: 83501

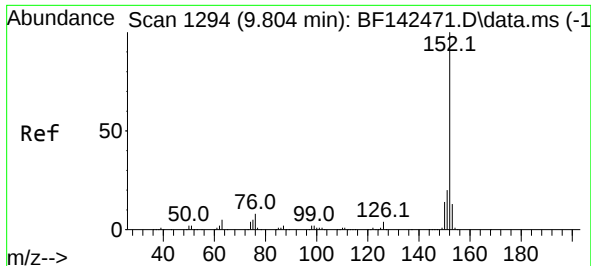
Ion Ratio Lower Upper

65 100

92 68.5 54.4 81.6

138 116.3 91.4 137.2

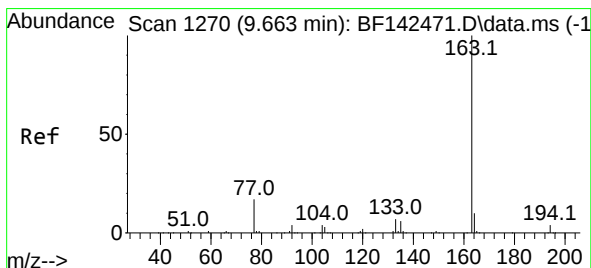
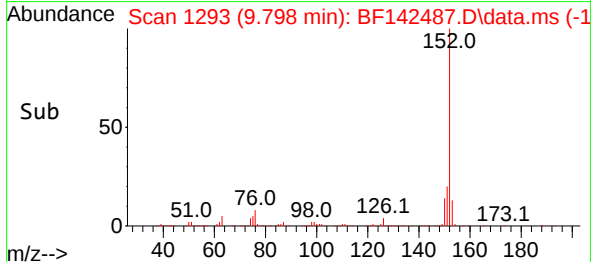
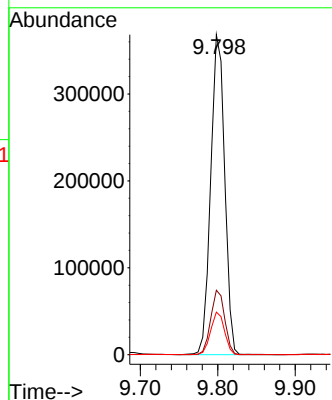
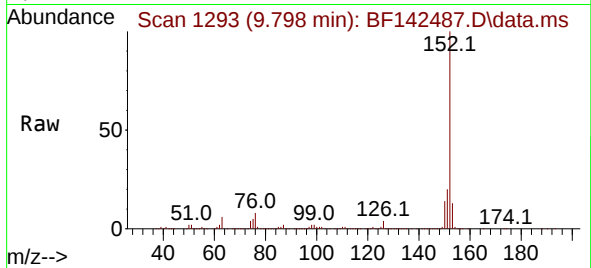




#49
Acenaphthylene
Concen: 41.929 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

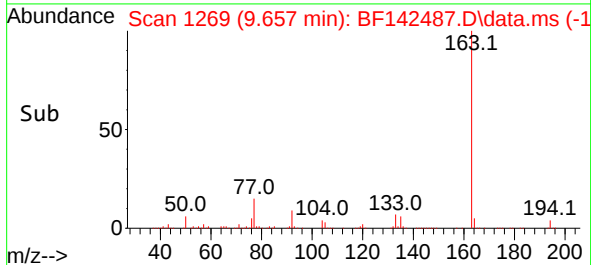
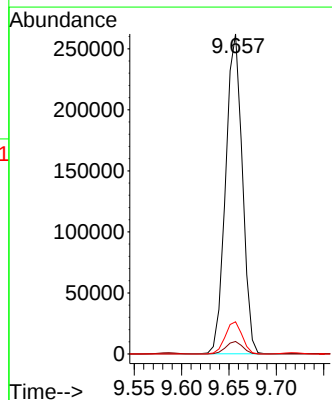
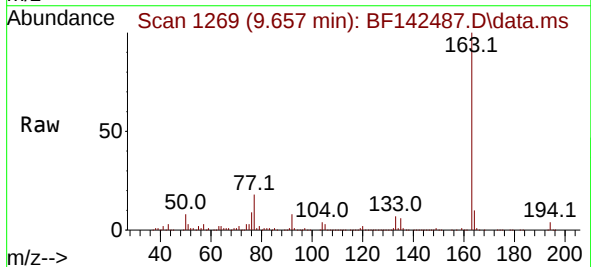
Instrument :
BNA_F
ClientSampleId :
SS-11MS

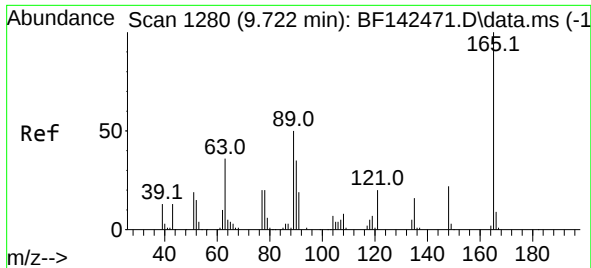
Tgt Ion:152 Resp: 461954
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 42.833 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:163 Resp: 321711
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.1 8.2 12.4

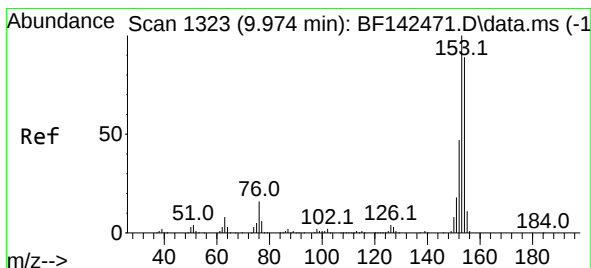
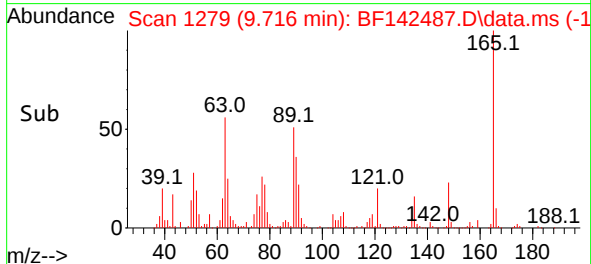
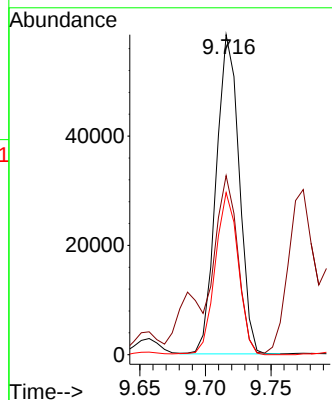
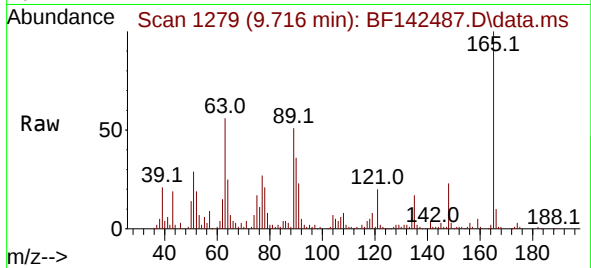




#51
2,6-Dinitrotoluene
Concen: 43.893 ng
RT: 9.716 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

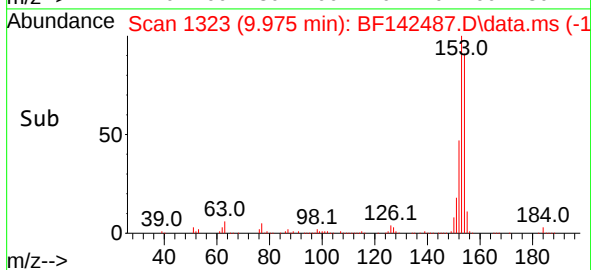
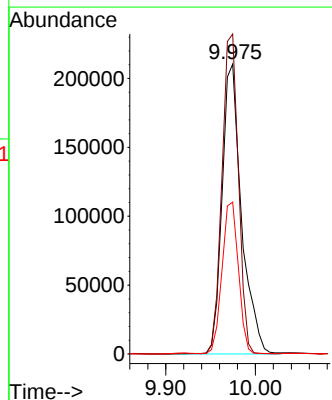
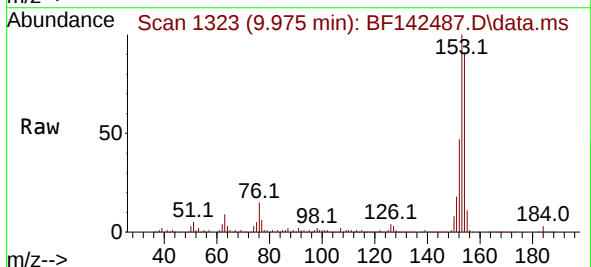
Instrument :
BNA_F
ClientSampleId :
SS-11MS

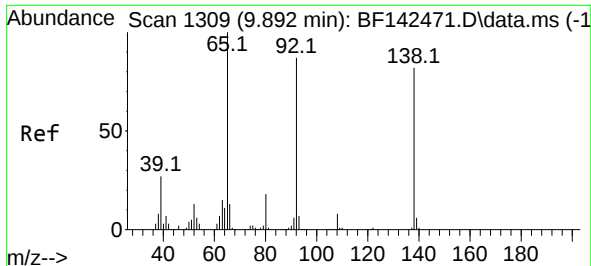
Tgt Ion:165 Resp: 71155
Ion Ratio Lower Upper
165 100
63 56.0 42.9 64.3
89 50.7 40.2 60.4



#52
Acenaphthene
Concen: 47.057 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:154 Resp: 316584
Ion Ratio Lower Upper
154 100
153 110.4 90.0 135.0
152 52.4 42.6 64.0

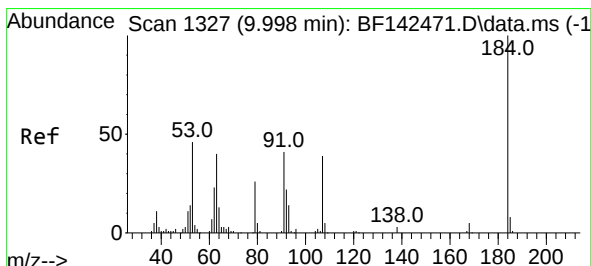
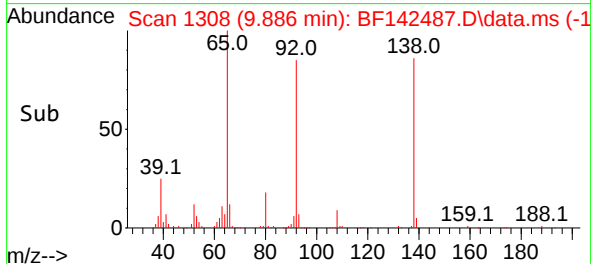
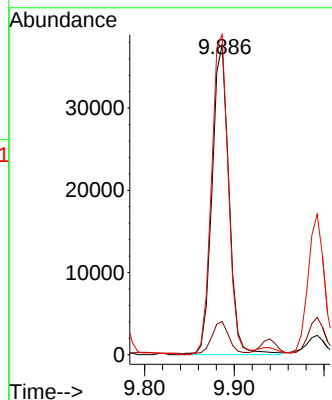
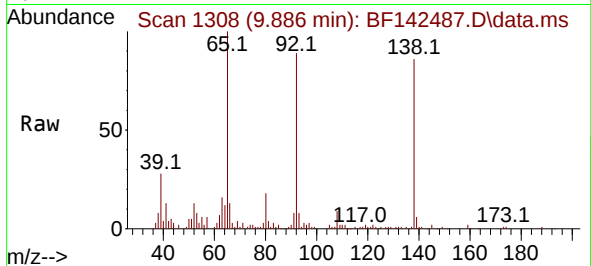




#53
3-Nitroaniline
Concen: 27.800 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

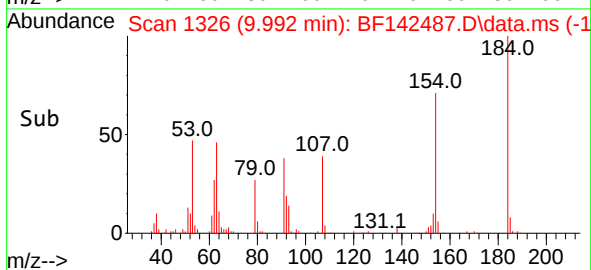
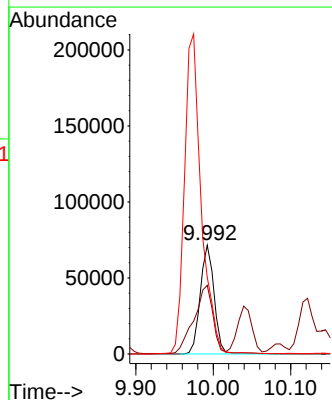
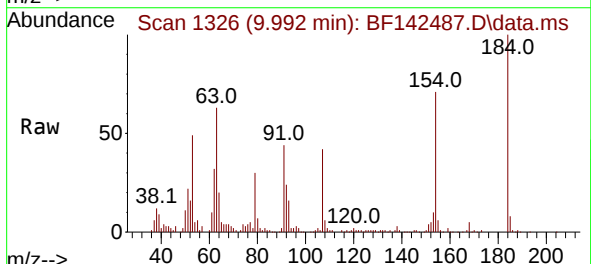
Instrument :
BNA_F
ClientSampleId :
SS-11MS

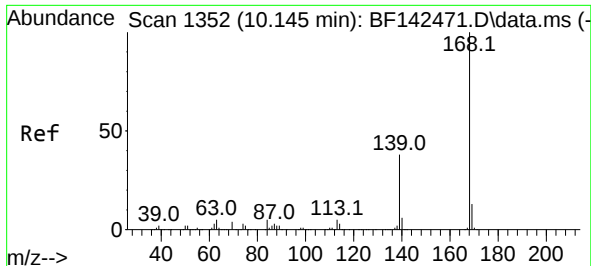
Tgt Ion:138 Resp: 49223
Ion Ratio Lower Upper
138 100
108 10.7 8.1 12.1
92 103.2 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 106.777 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:184 Resp: 89427
Ion Ratio Lower Upper
184 100
63 63.1 46.3 69.5
154 70.5 56.8 85.2

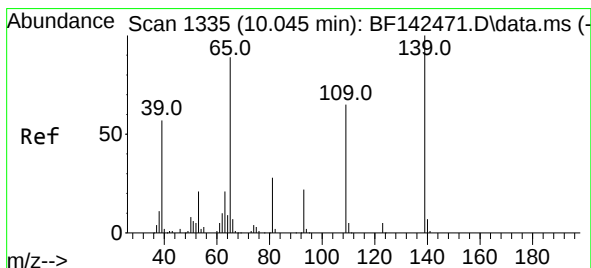
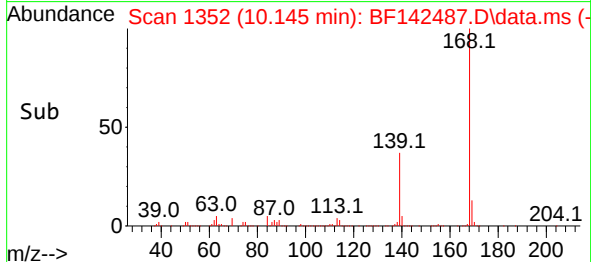
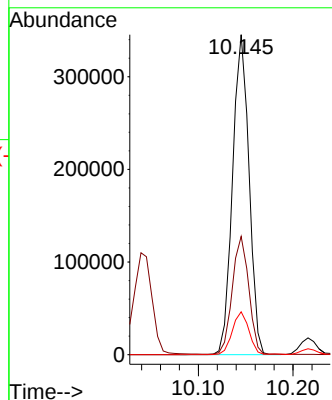
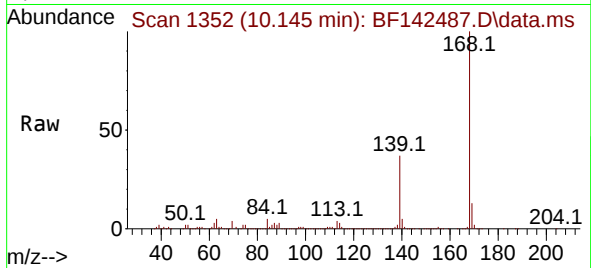




#55
Dibenzenofuran
Concen: 43.085 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

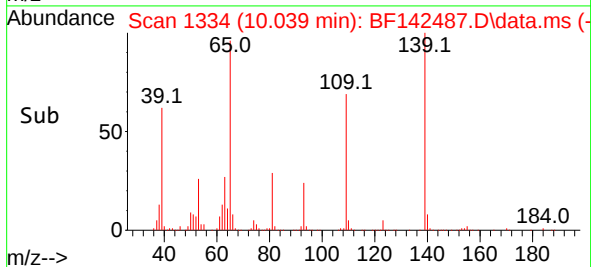
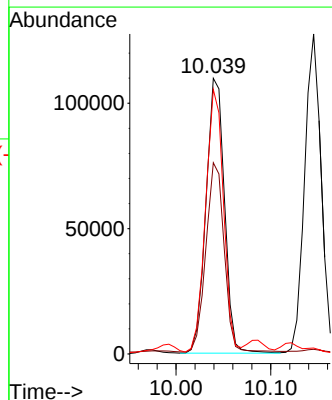
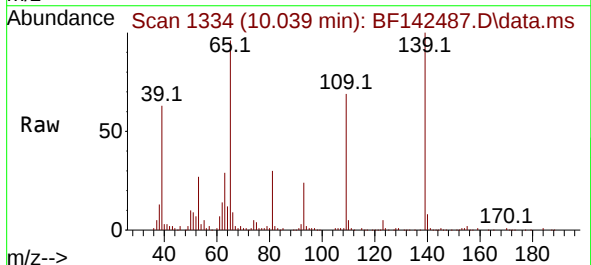
Instrument :
BNA_F
ClientSampleId :
SS-11MS

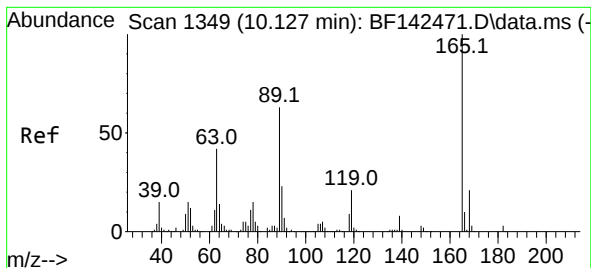
Tgt Ion:168 Resp: 417111
Ion Ratio Lower Upper
168 100
139 37.0 30.2 45.2
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 113.533 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:139 Resp: 148325
Ion Ratio Lower Upper
139 100
109 69.3 45.1 85.1
65 95.9 69.7 109.7

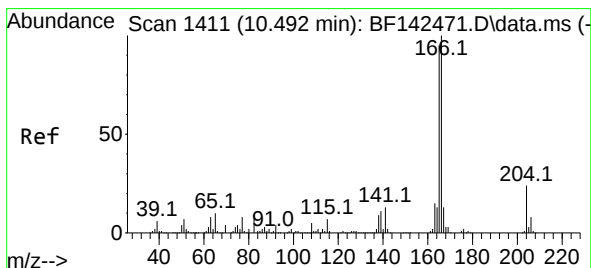
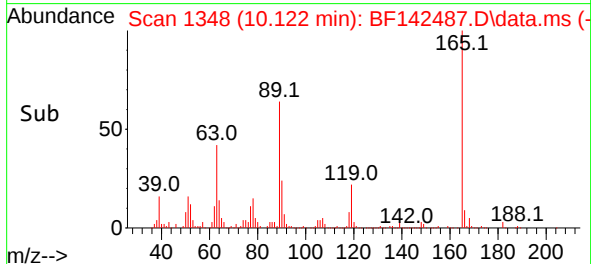
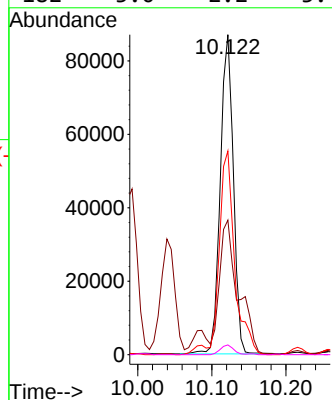
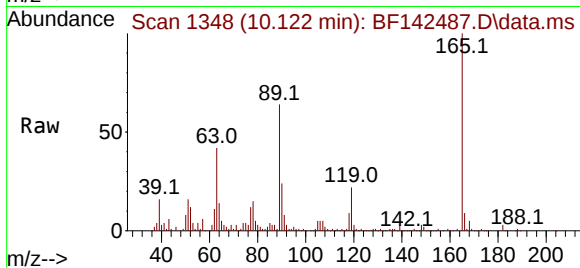




#57
2,4-Dinitrotoluene
Concen: 50.288 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

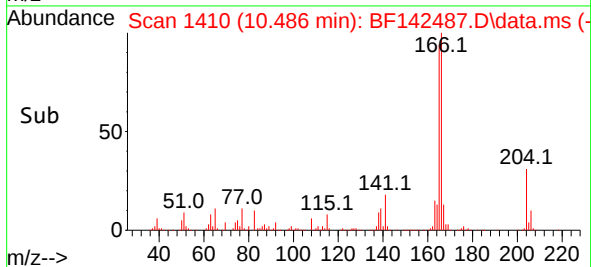
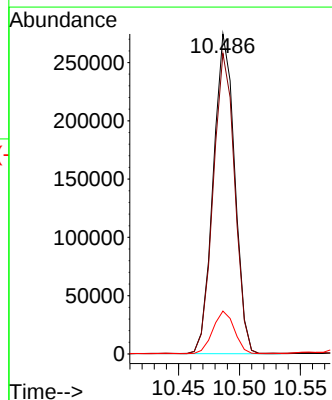
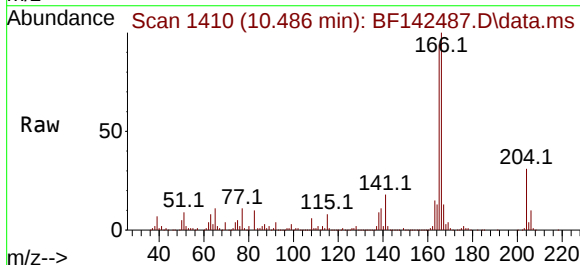
Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:165 Resp: 106463
Ion Ratio Lower Upper
165 100
63 42.1 33.6 50.4
89 63.7 50.2 75.4
182 3.0 2.2 3.4



#58
Fluorene
Concen: 44.754 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

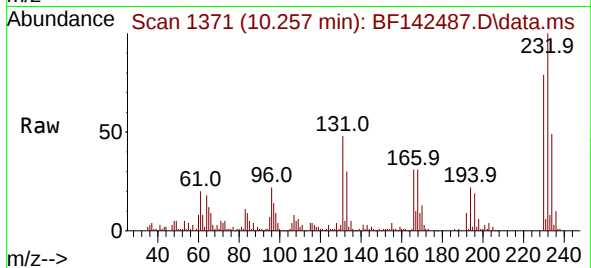
Tgt Ion:166 Resp: 334722
Ion Ratio Lower Upper
166 100
165 93.9 75.8 113.8
167 13.4 10.6 16.0



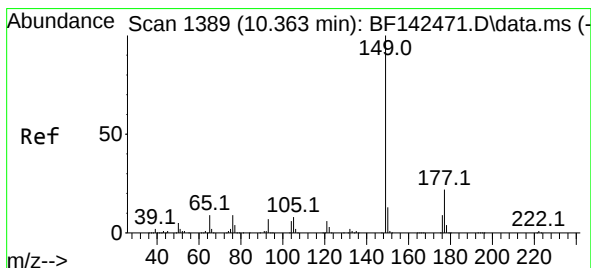
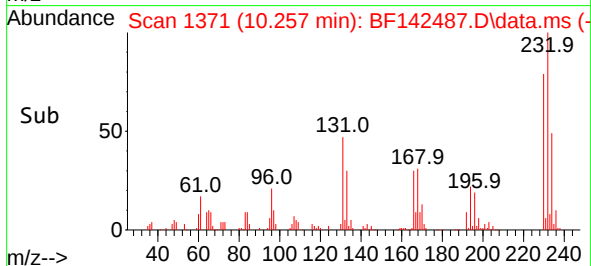
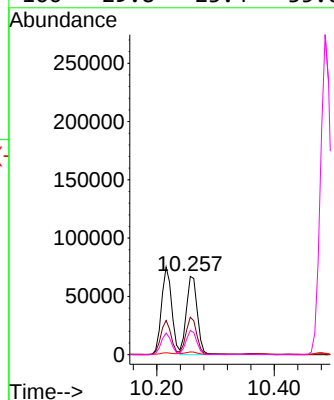


#59
2,3,4,6-Tetrachlorophenol
Concen: 45.129 ng
RT: 10.257 min Scan# 1371
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

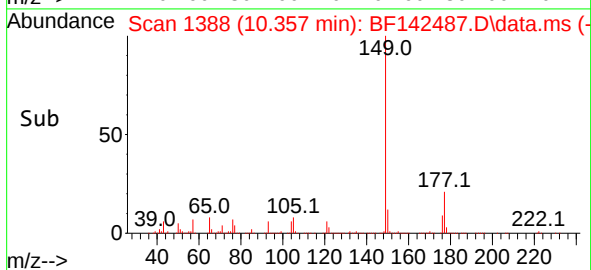
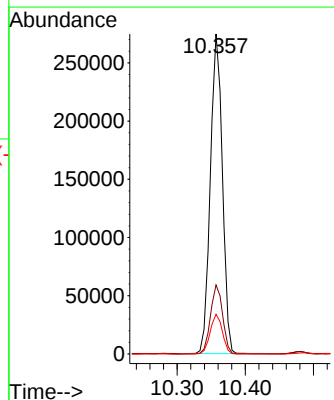
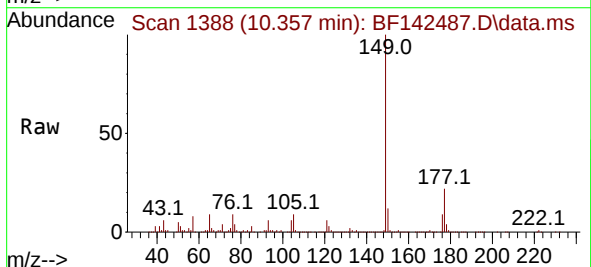


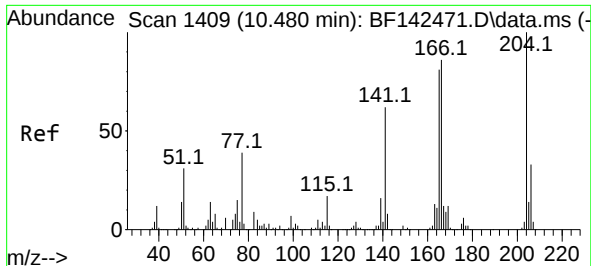
Tgt Ion:232 Resp: 87547
Ion Ratio Lower Upper
232 100
131 44.4 35.2 52.8
130 4.2 1.7 2.5#
166 29.8 23.4 35.0



#60
Diethylphthalate
Concen: 45.904 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:149 Resp: 336727
Ion Ratio Lower Upper
149 100
177 21.6 17.6 26.4
150 12.4 10.1 15.1

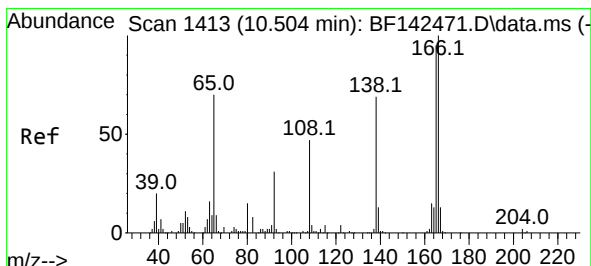
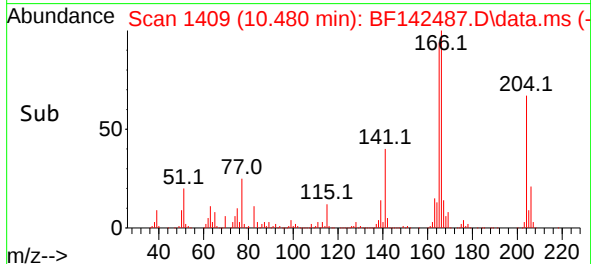
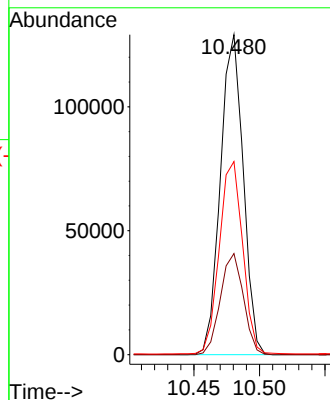
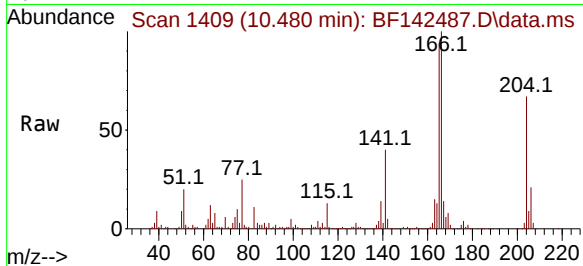




#61
4-Chlorophenyl-phenylether
Concen: 42.465 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

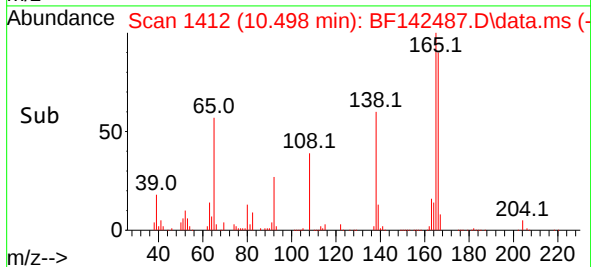
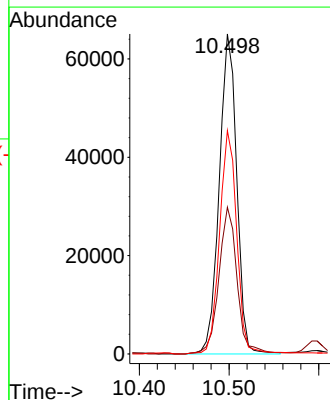
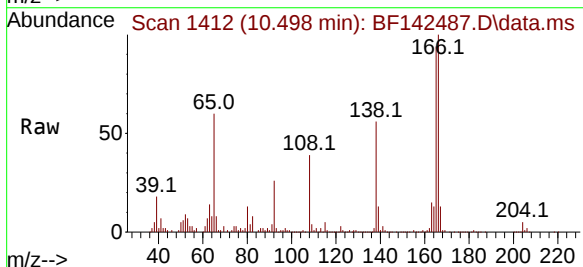
Instrument :
BNA_F
ClientSampleId :
SS-11MS

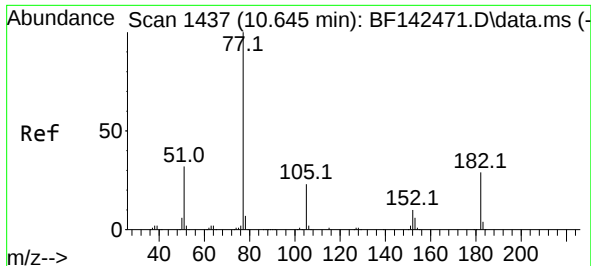
Tgt Ion:204 Resp: 156021
Ion Ratio Lower Upper
204 100
206 31.6 26.3 39.5
141 60.3 49.5 74.3



#62
4-Nitroaniline
Concen: 54.834 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:138 Resp: 88055
Ion Ratio Lower Upper
138 100
92 45.9 26.0 66.0
108 69.8 48.4 88.4

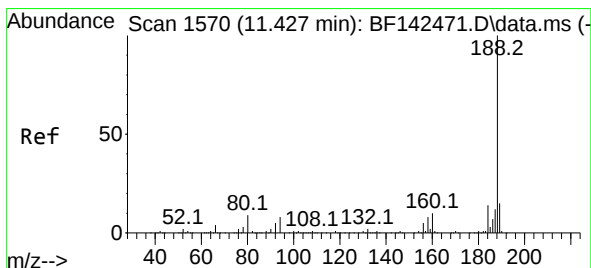
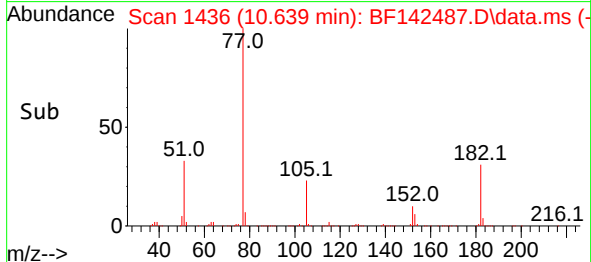
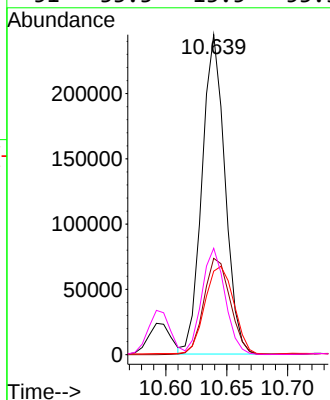
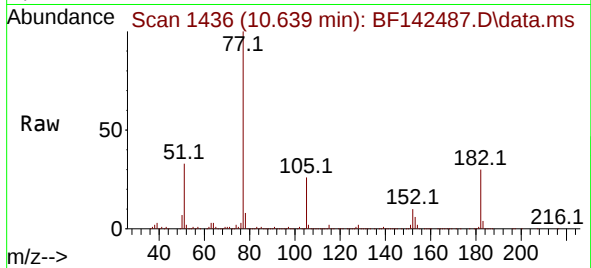




#63
Azobenzene
Concen: 48.728 ng
RT: 10.639 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

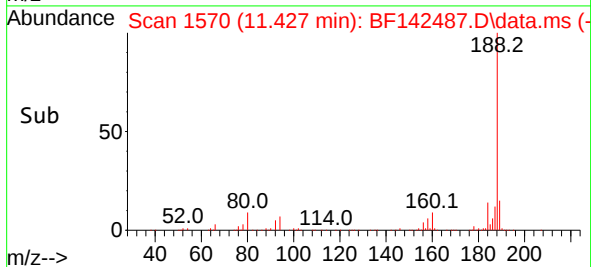
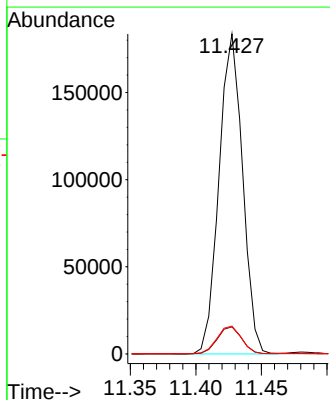
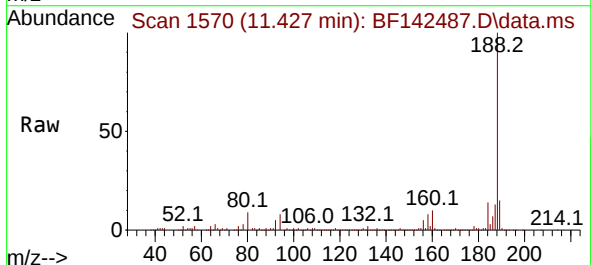
Instrument :
BNA_F
ClientSampleId :
SS-11MS

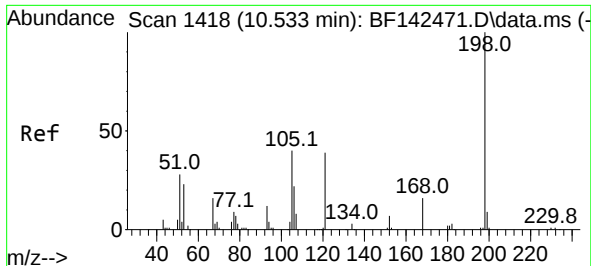
Tgt Ion: 77	Resp: 321047
Ion Ratio	Lower Upper
77 100	
182 30.1	9.0 49.0
105 26.1	2.4 42.4
51 33.3	13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:188	Resp: 229012
Ion Ratio	Lower Upper
188 100	
94 8.5	6.6 10.0
80 8.7	7.4 11.0

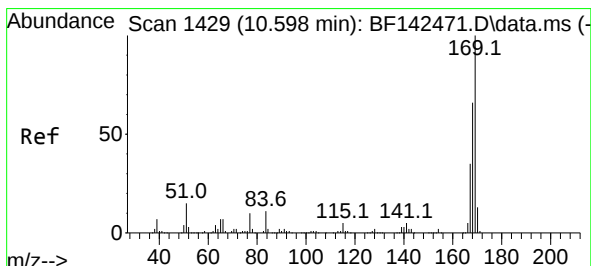
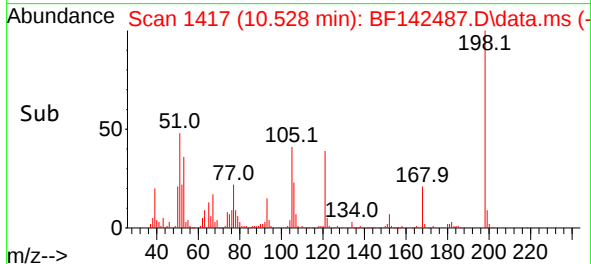
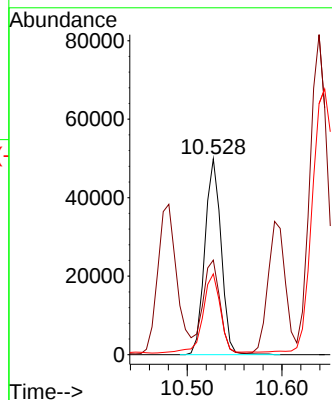
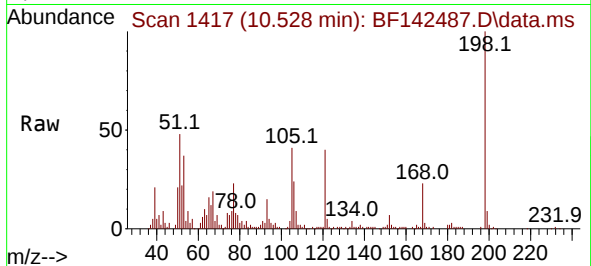




#65
4,6-Dinitro-2-methylphenol
Concen: 46.629 ng
RT: 10.528 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

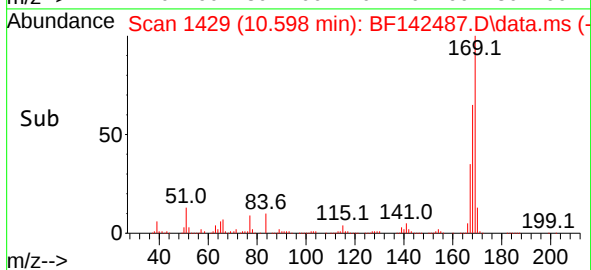
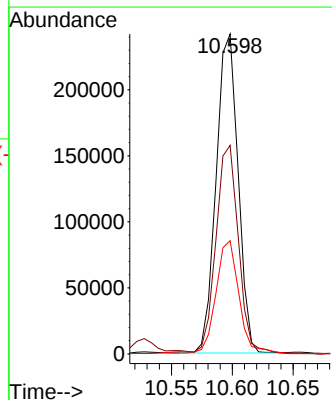
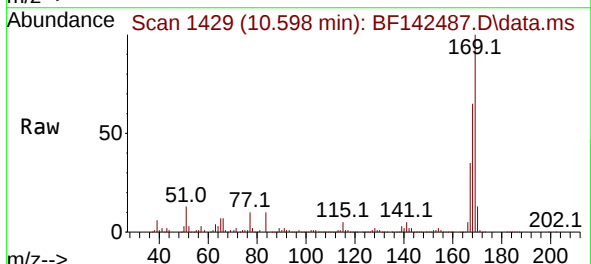
Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:198 Resp: 59594
Ion Ratio Lower Upper
198 100
51 48.3 28.3 68.3
105 41.3 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 38.627 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:169 Resp: 302640
Ion Ratio Lower Upper
169 100
168 65.2 52.7 79.1
167 35.4 28.3 42.5

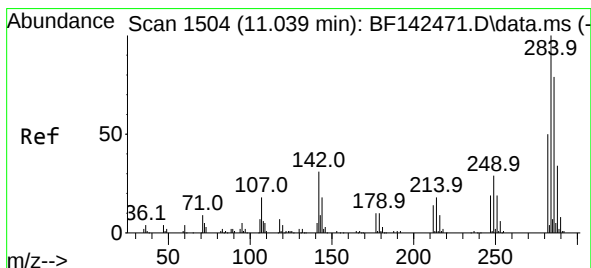
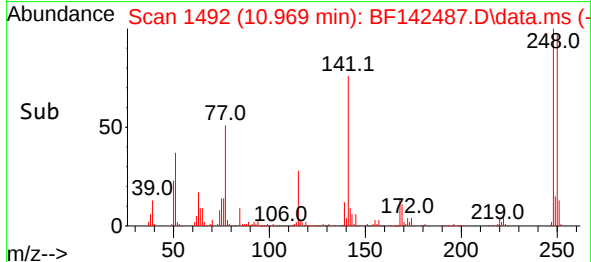
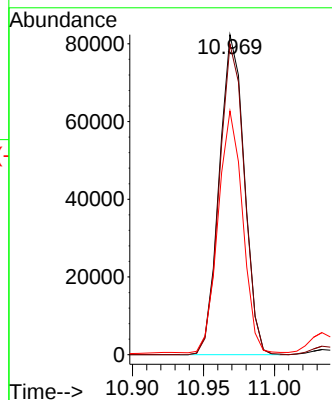
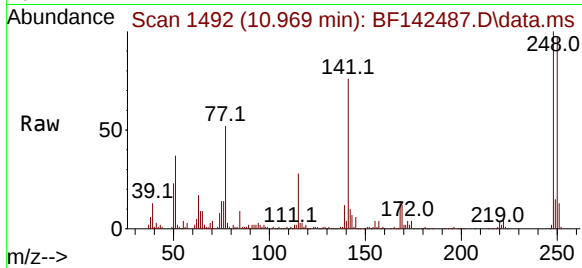




#67
4-Bromophenyl-phenylether
Concen: 37.246 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

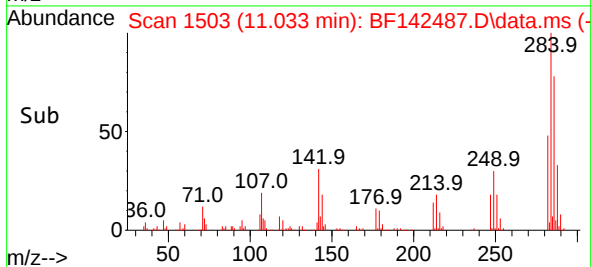
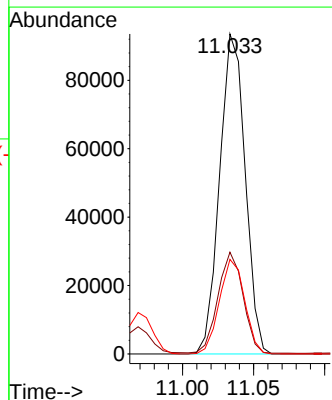
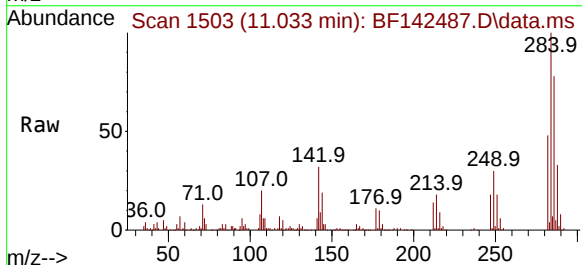
Instrument :
BNA_F
ClientSampleId :
SS-11MS

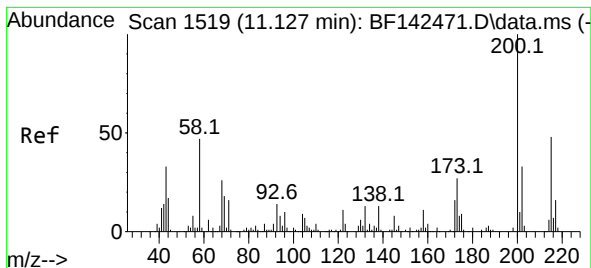
Tgt Ion:248 Resp: 100859
Ion Ratio Lower Upper
248 100
250 97.1 79.0 118.4
141 76.2 58.4 87.6



#68
Hexachlorobenzene
Concen: 39.031 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:284 Resp: 116897
Ion Ratio Lower Upper
284 100
142 31.8 24.8 37.2
249 29.5 23.6 35.4





#69

Atrazine

Concen: 51.521 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.005 min

Lab File: BF142487.D

Acq: 21 May 2025 15:06

Instrument :

BNA_F

ClientSampleId :

SS-11MS

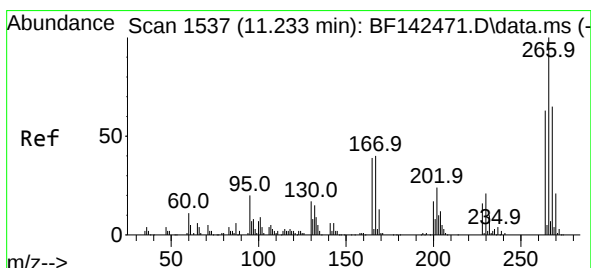
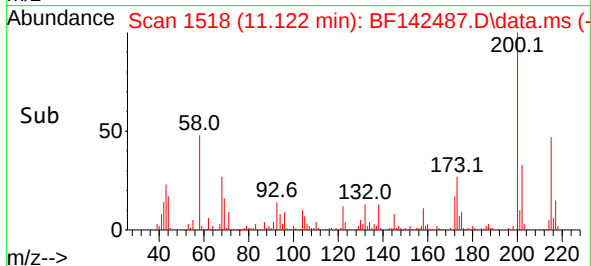
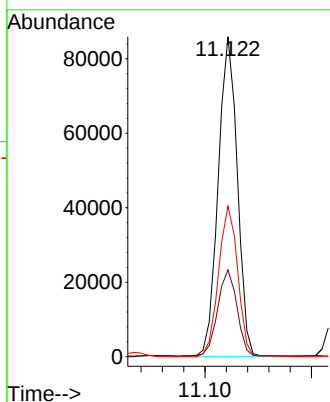
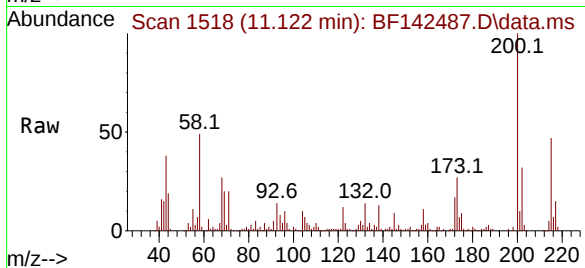
Tgt Ion:200 Resp: 107203

Ion Ratio Lower Upper

200 100

173 27.2 7.4 47.4

215 47.1 28.5 68.5



#70

Pentachlorophenol

Concen: 91.410 ng

RT: 11.227 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF142487.D

Acq: 21 May 2025 15:06

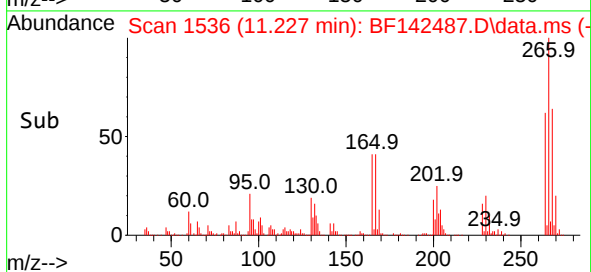
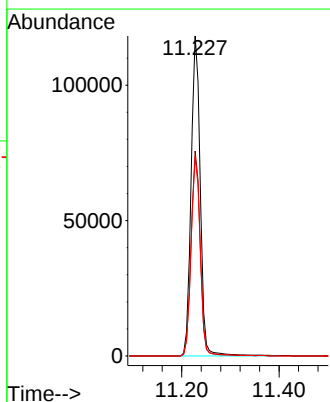
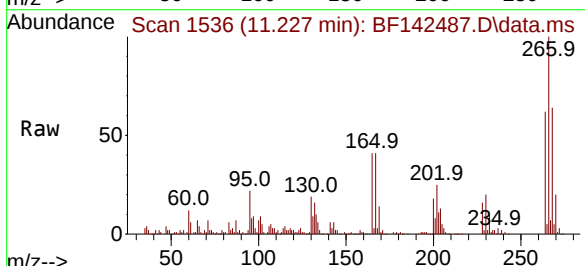
Tgt Ion:266 Resp: 154568

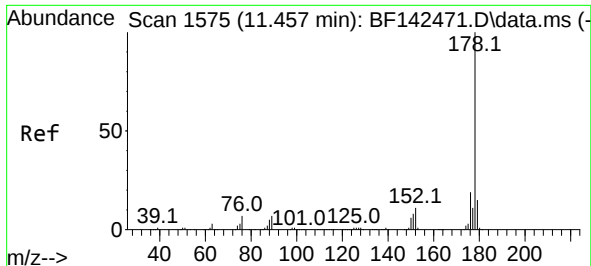
Ion Ratio Lower Upper

266 100

268 64.1 51.7 77.5

264 62.3 50.4 75.6

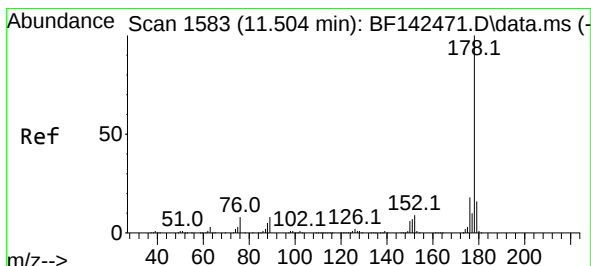
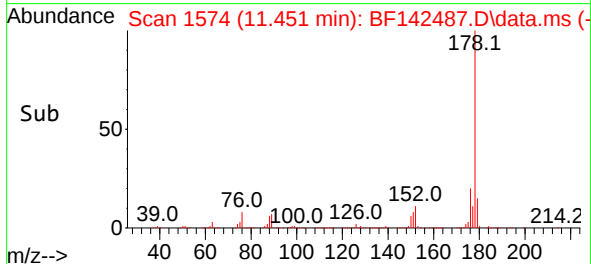
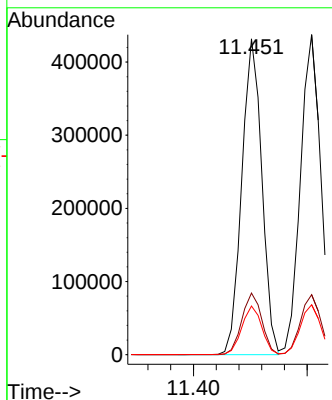
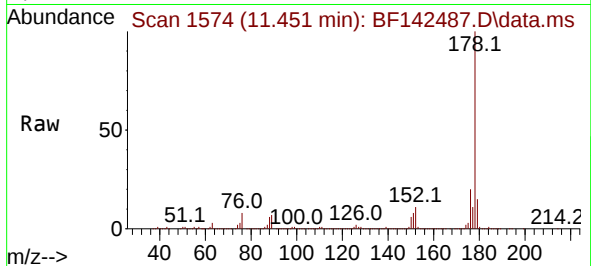




#71
Phenanthrene
Concen: 43.208 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

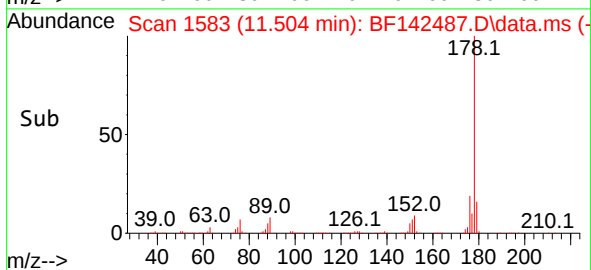
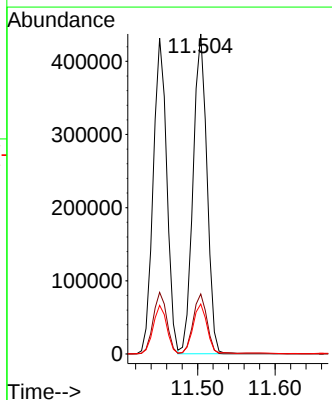
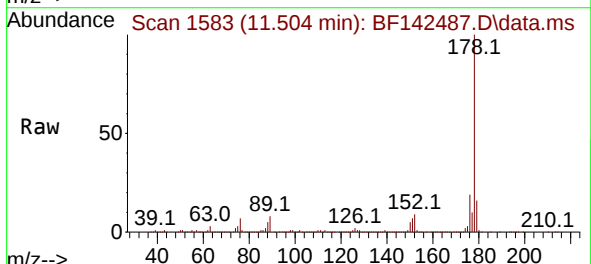
Instrument :
BNA_F
ClientSampleId :
SS-11MS

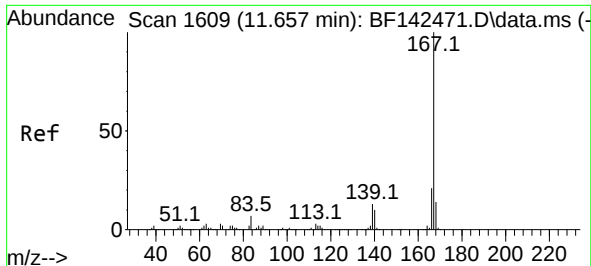
Tgt Ion:178 Resp: 528821
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.4 12.3 18.5



#72
Anthracene
Concen: 43.560 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:178 Resp: 544100
Ion Ratio Lower Upper
178 100
176 18.7 14.6 21.8
179 15.6 12.4 18.6

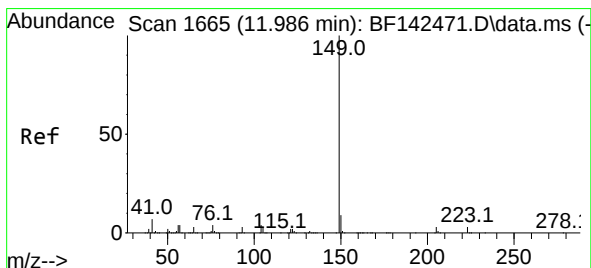
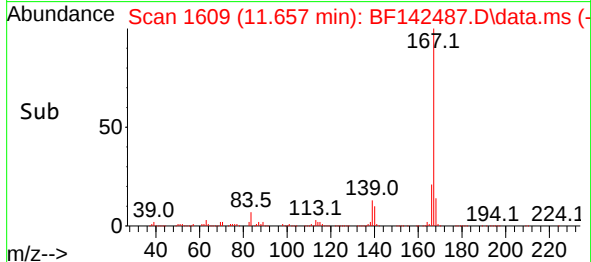
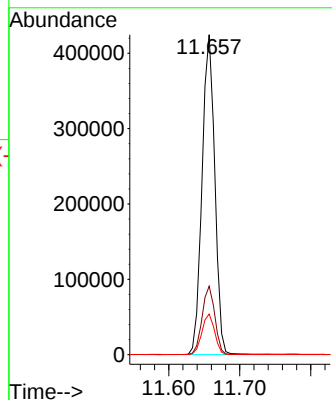
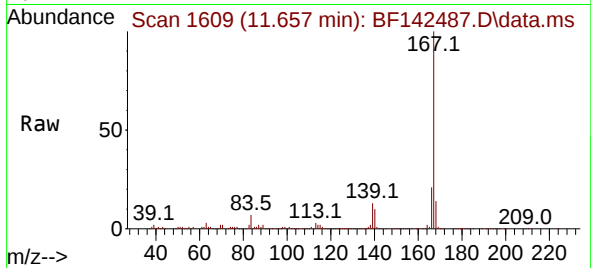




#73
 Carbazole
 Concen: 49.633 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142487.D
 Acq: 21 May 2025 15:06

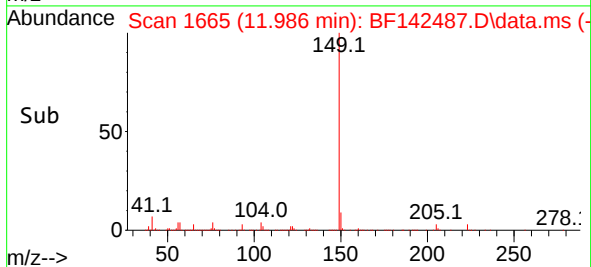
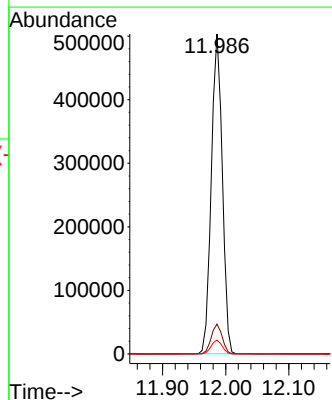
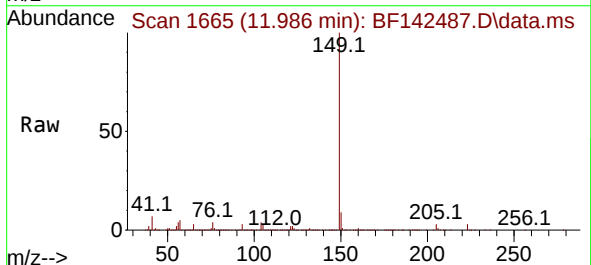
Instrument :
 BNA_F
 ClientSampleId :
 SS-11MS

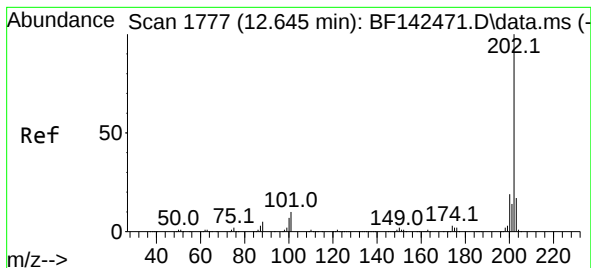
Tgt Ion:167 Resp: 529990
 Ion Ratio Lower Upper
 167 100
 166 21.4 16.9 25.3
 139 12.7 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 52.055 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142487.D
 Acq: 21 May 2025 15:06

Tgt Ion:149 Resp: 608435
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 4.4 3.6 5.4





#75

Fluoranthene

Concen: 57.764 ng

RT: 12.639 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142487.D

Acq: 21 May 2025 15:06

Instrument :

BNA_F

ClientSampleId :

SS-11MS

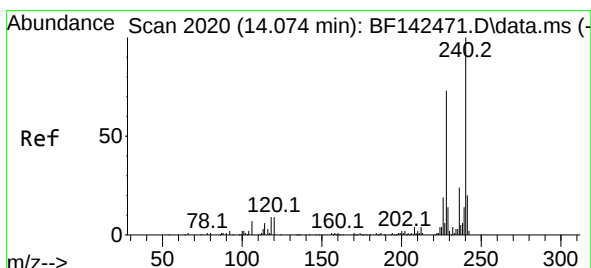
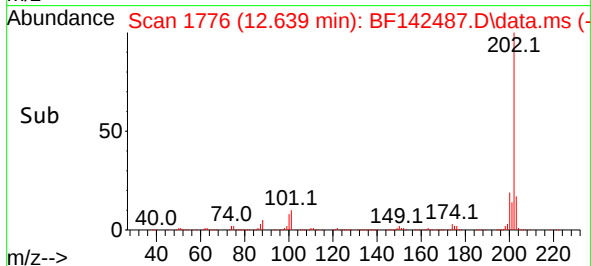
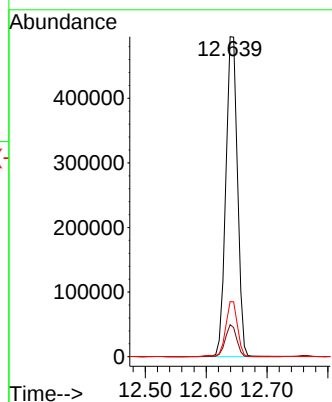
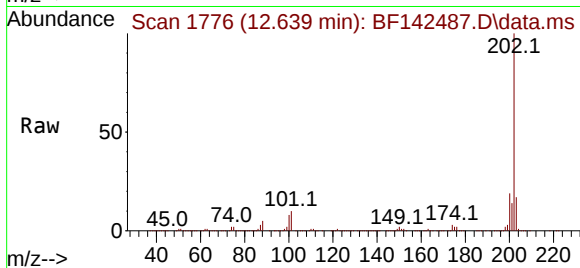
Tgt Ion:202 Resp: 660582

Ion Ratio Lower Upper

202 100

101 10.0 0.0 29.6

203 17.2 0.0 37.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF142487.D

Acq: 21 May 2025 15:06

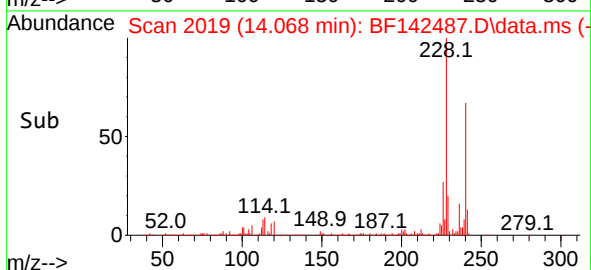
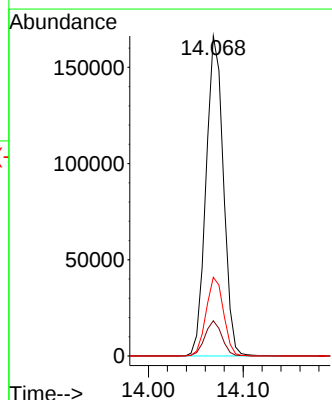
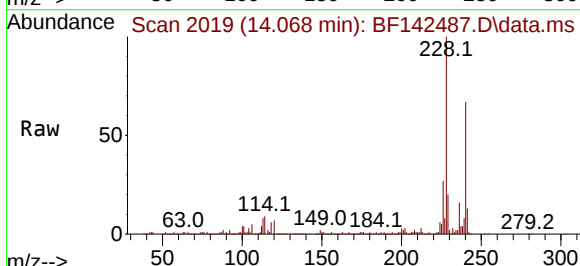
Tgt Ion:240 Resp: 210926

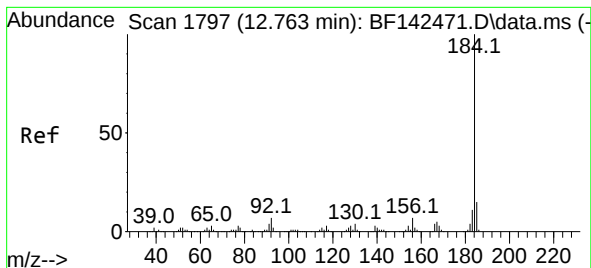
Ion Ratio Lower Upper

240 100

120 11.0 7.5 11.3

236 24.6 19.6 29.4





#77

Benzidine

Concen: 43.116 ng

RT: 12.763 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142487.D

Acq: 21 May 2025 15:06

Instrument :

BNA_F

ClientSampleId :

SS-11MS

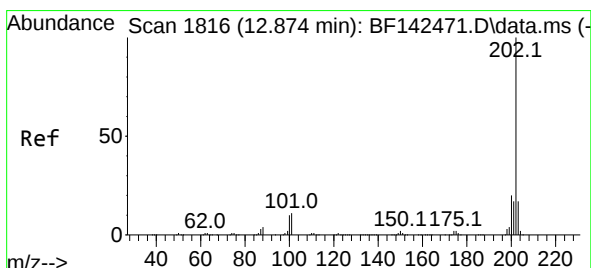
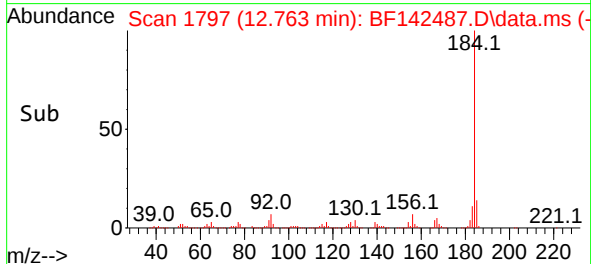
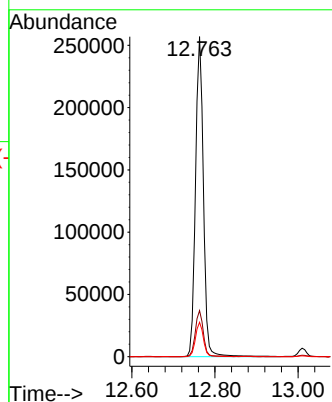
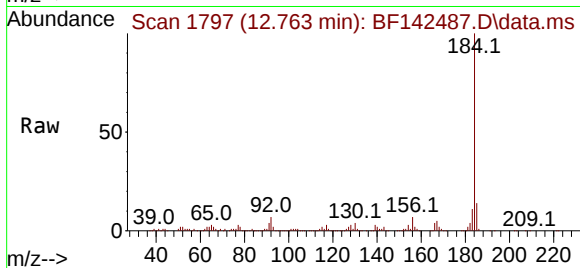
Tgt Ion:184 Resp: 338429

Ion Ratio Lower Upper

184 100

185 14.4 11.6 17.4

183 10.8 9.0 13.4



#78

Pyrene

Concen: 34.043 ng

RT: 12.874 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF142487.D

Acq: 21 May 2025 15:06

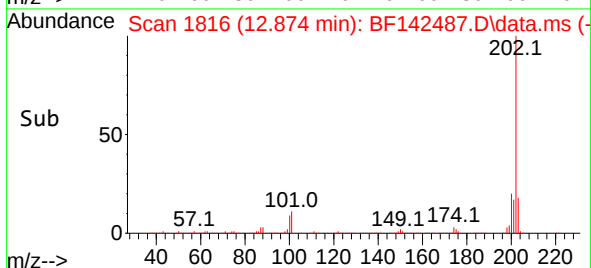
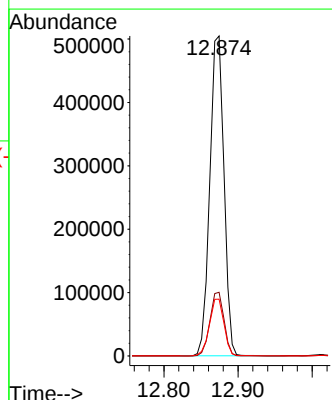
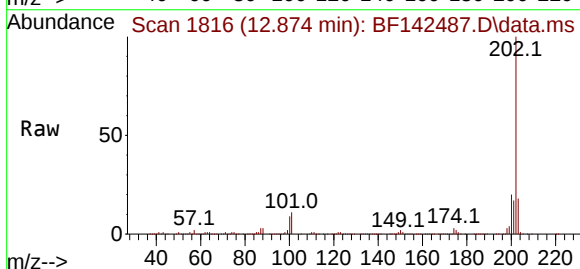
Tgt Ion:202 Resp: 669848

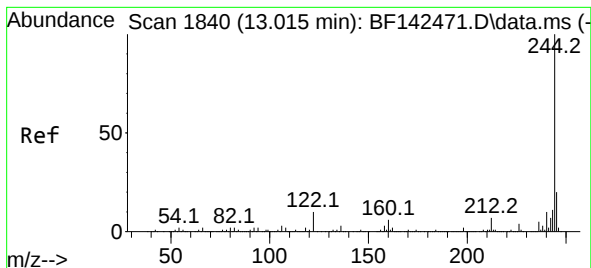
Ion Ratio Lower Upper

202 100

200 19.9 16.1 24.1

203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 41.482 ng

RT: 13.010 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF142487.D

Acq: 21 May 2025 15:06

Instrument :

BNA_F

ClientSampleId :

SS-11MS

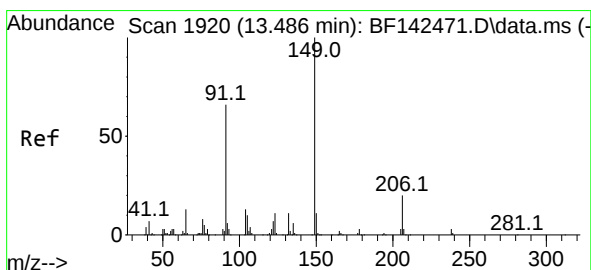
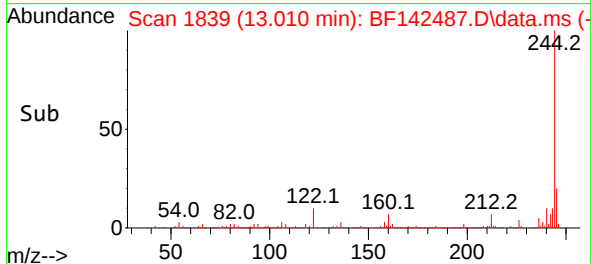
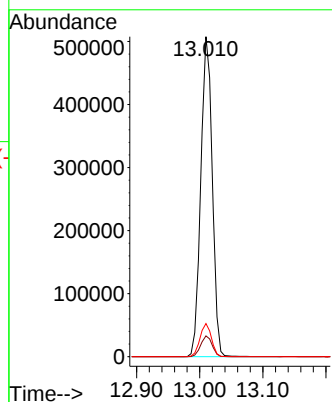
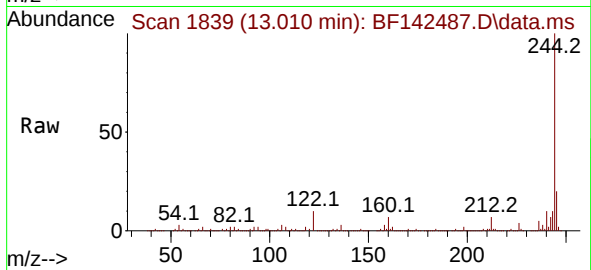
Tgt Ion:244 Resp: 640281

Ion Ratio Lower Upper

244 100

212 6.5 5.3 7.9

122 10.4 8.2 12.2



#80

Butylbenzylphthalate

Concen: 49.991 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF142487.D

Acq: 21 May 2025 15:06

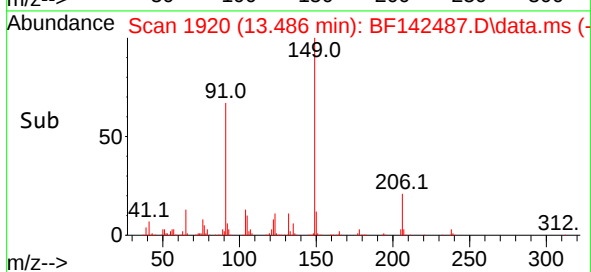
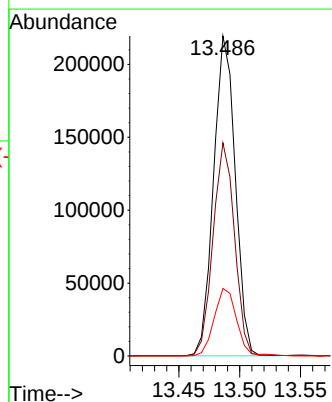
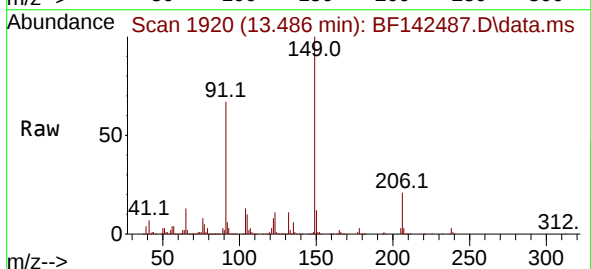
Tgt Ion:149 Resp: 271799

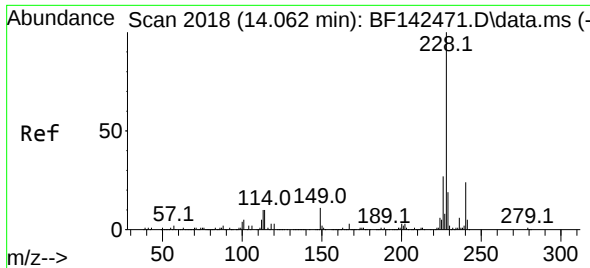
Ion Ratio Lower Upper

149 100

91 66.6 52.9 79.3

206 21.1 16.2 24.2

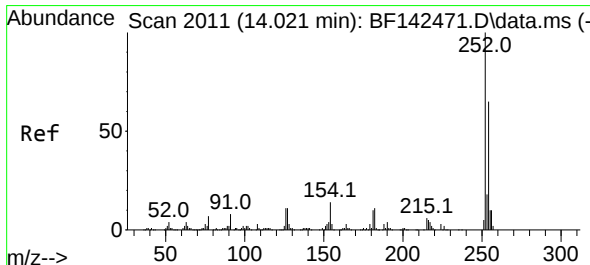
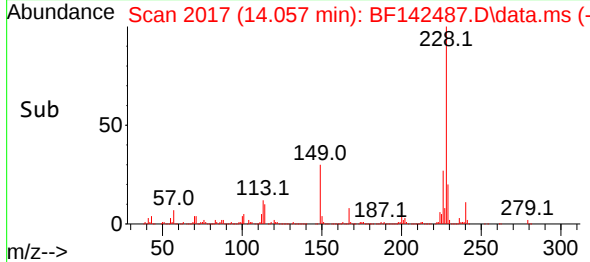
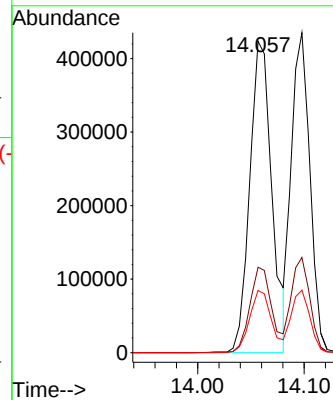
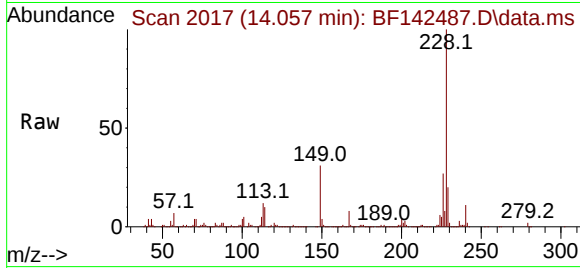




#81
Benzo(a)anthracene
Concen: 43.383 ng
RT: 14.057 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

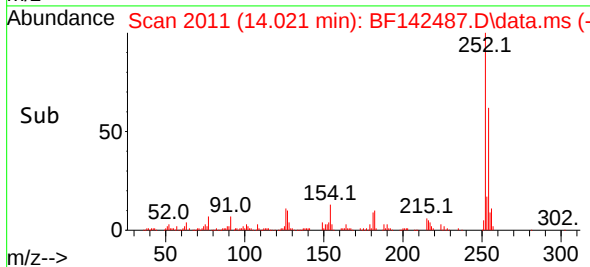
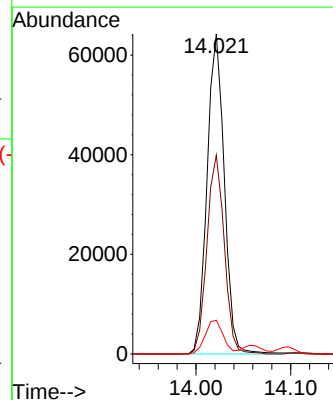
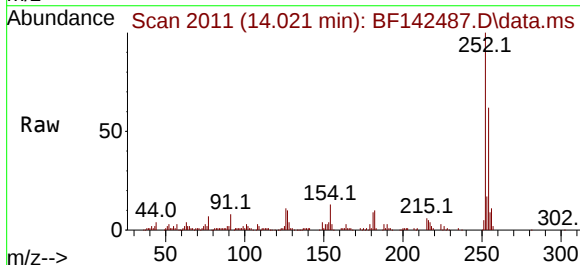
Instrument :
BNA_F
ClientSampleId :
SS-11MS

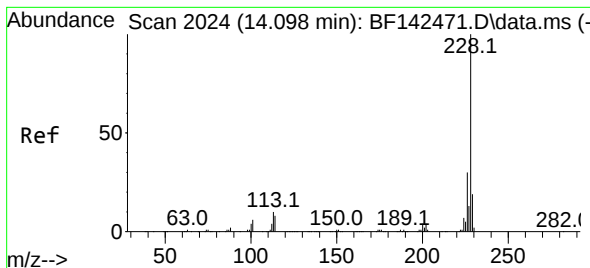
Tgt Ion:228 Resp: 611032
Ion Ratio Lower Upper
228 100
226 27.4 21.2 31.8
229 20.0 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 19.027 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:252 Resp: 81284
Ion Ratio Lower Upper
252 100
254 62.1 52.0 78.0
126 10.6 8.9 13.3





#83

Chrysene

Concen: 41.421 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142487.D

Acq: 21 May 2025 15:06

Instrument :

BNA_F

ClientSampleId :

SS-11MS

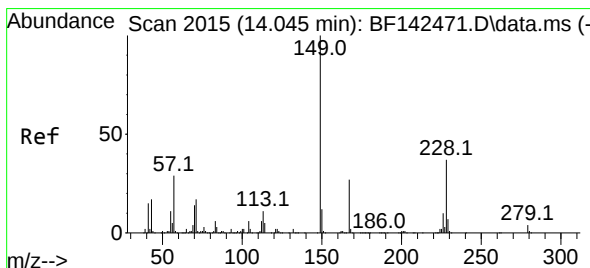
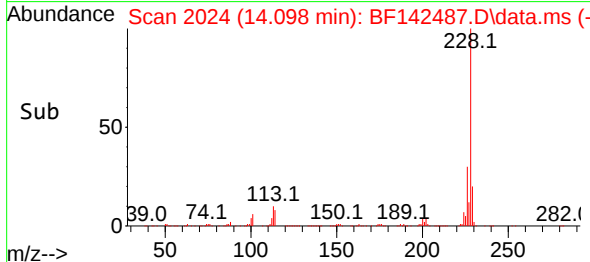
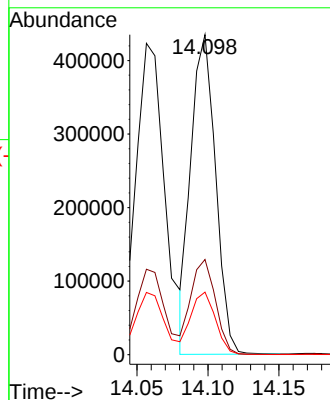
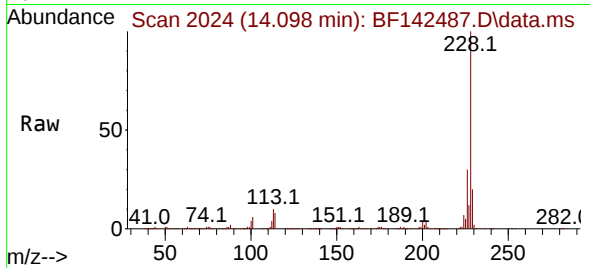
Tgt Ion:228 Resp: 524218

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.6

229 19.6 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.051 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142487.D

Acq: 21 May 2025 15:06

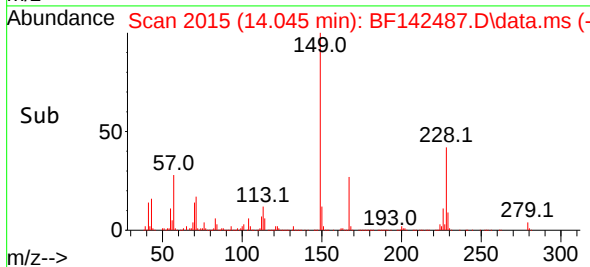
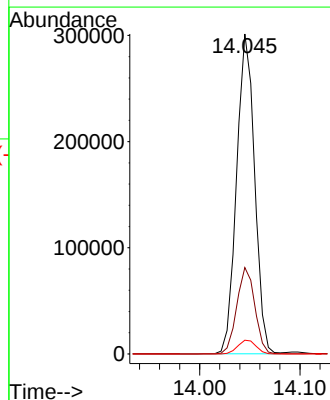
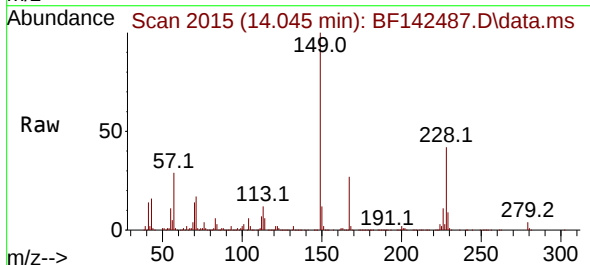
Tgt Ion:149 Resp: 376196

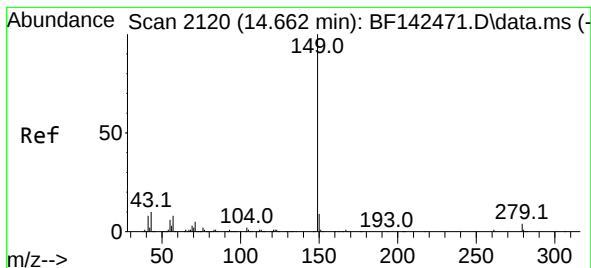
Ion Ratio Lower Upper

149 100

167 27.0 21.5 32.3

279 4.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 44.459 ng

RT: 14.663 min Scan# 2120

Delta R.T. -0.005 min

Lab File: BF142487.D

Acq: 21 May 2025 15:06

Instrument :

BNA_F

ClientSampleId :

SS-11MS

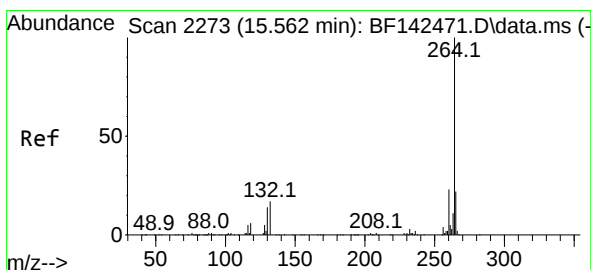
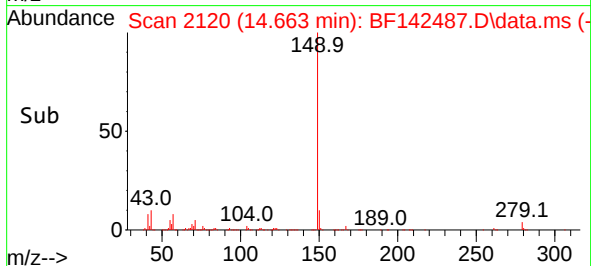
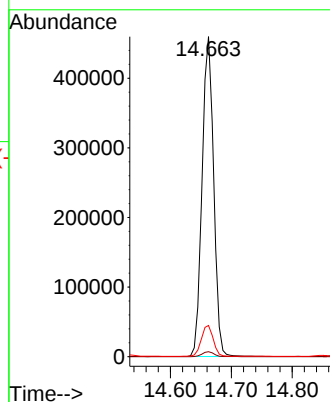
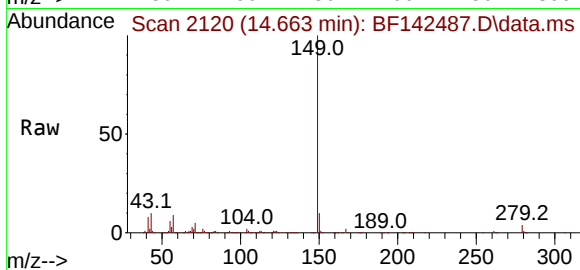
Tgt Ion:149 Resp: 605040

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.9 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF142487.D

Acq: 21 May 2025 15:06

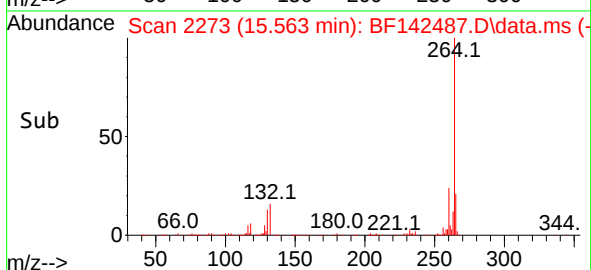
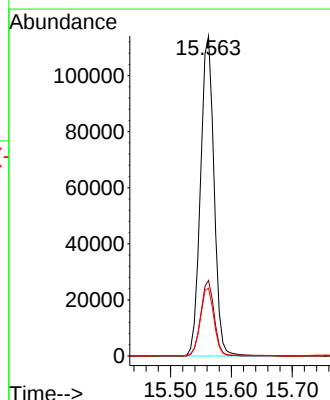
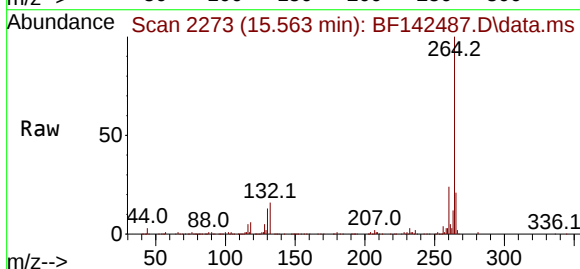
Tgt Ion:264 Resp: 176162

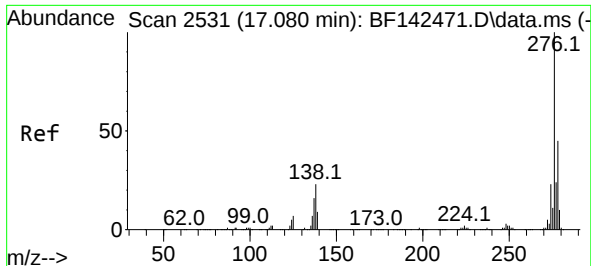
Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.2 17.7 26.5

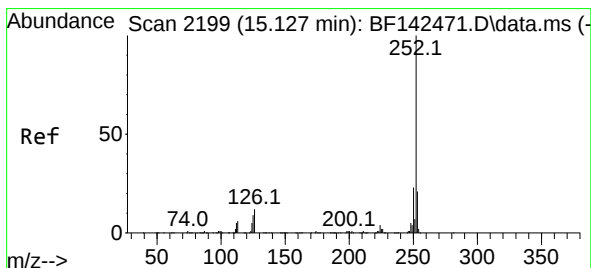
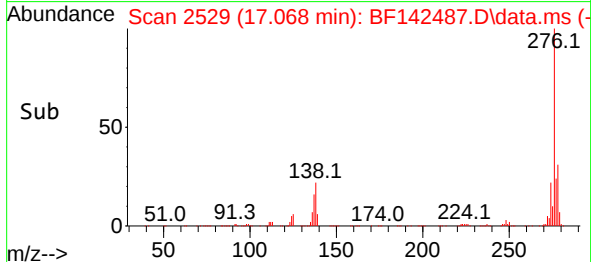
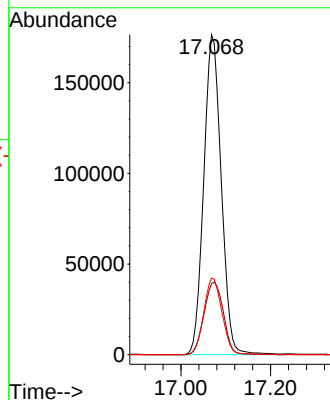
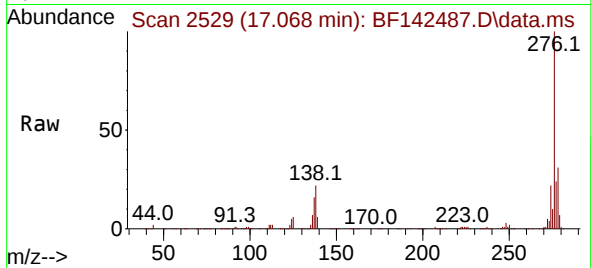




#87
Indeno(1,2,3-cd)pyrene
Concen: 36.138 ng
RT: 17.068 min Scan# 2198
Delta R.T. -0.023 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

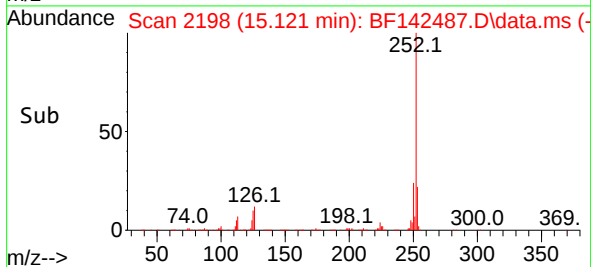
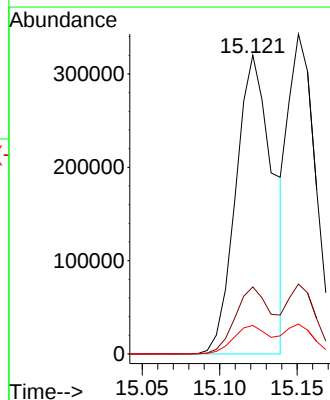
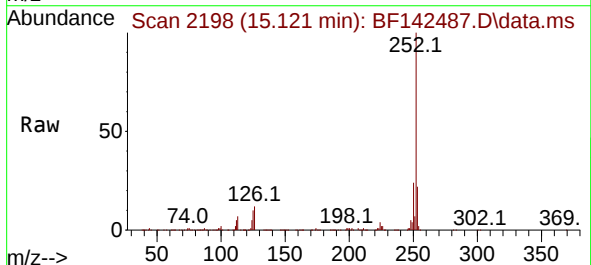
Instrument :
BNA_F
ClientSampleId :
SS-11MS

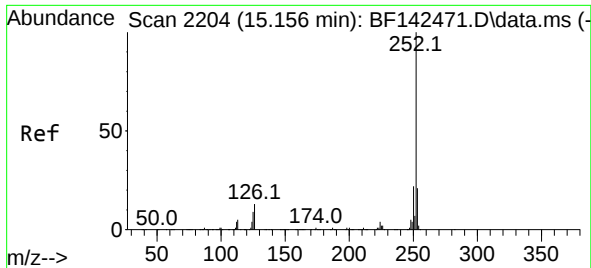
Tgt Ion:276 Resp: 477933
Ion Ratio Lower Upper
276 100
138 25.2 19.9 29.9
277 24.9 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 50.894 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:252 Resp: 530624
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.4
125 9.6 7.4 11.0

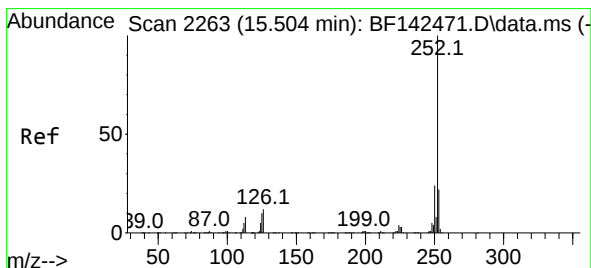
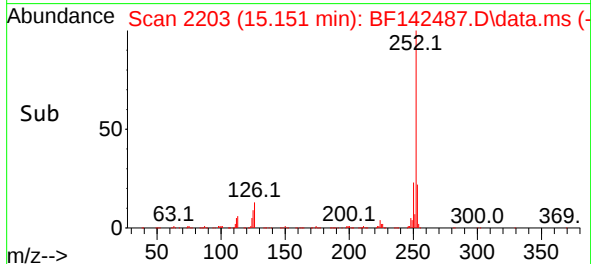
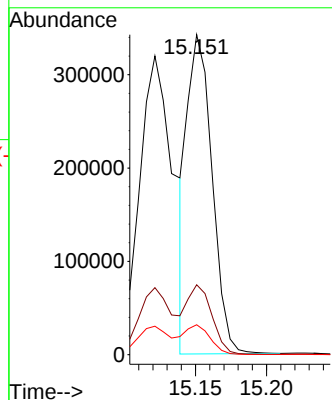
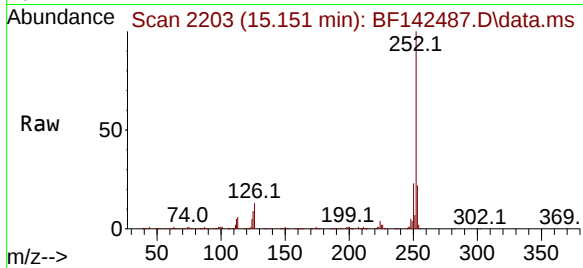




#89
Benzo(k)fluoranthene
Concen: 42.645 ng
RT: 15.151 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

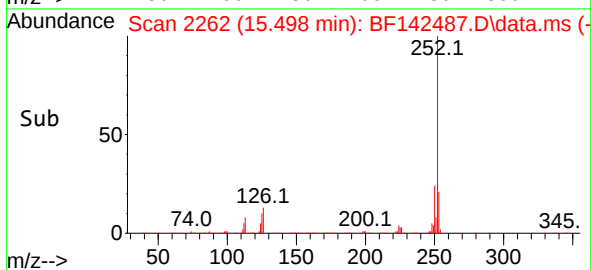
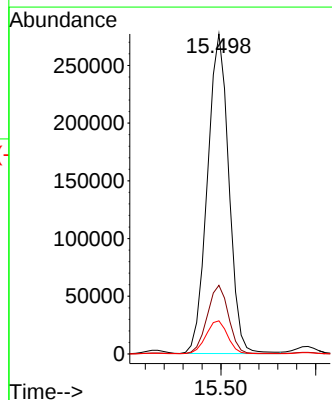
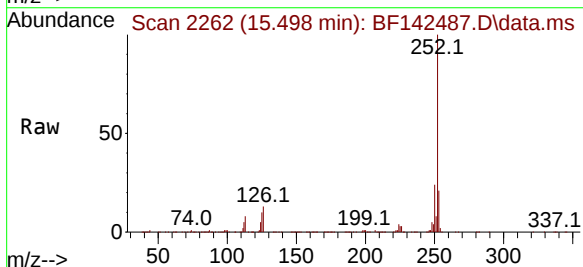
Instrument :
BNA_F
ClientSampleId :
SS-11MS

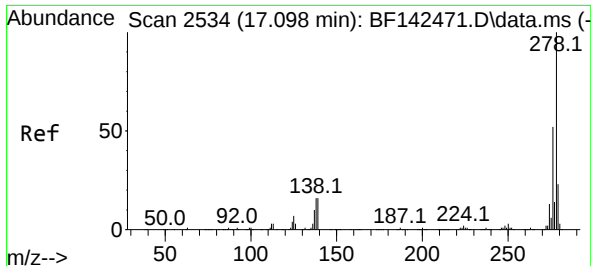
Tgt Ion:252 Resp: 416436
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.4
125 9.4 7.3 10.9



#90
Benzo(a)pyrene
Concen: 44.228 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:252 Resp: 434657
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 10.3 7.9 11.9

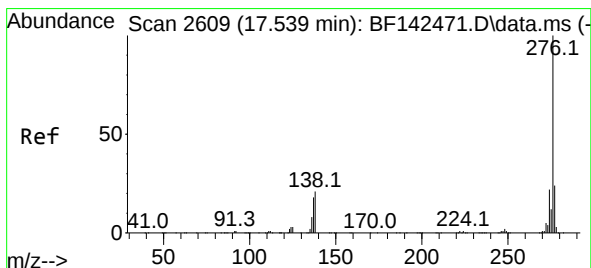
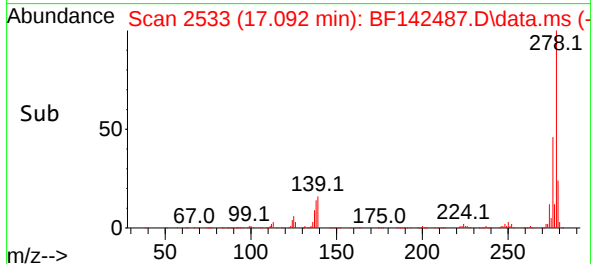
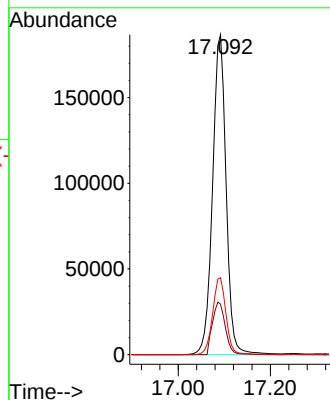
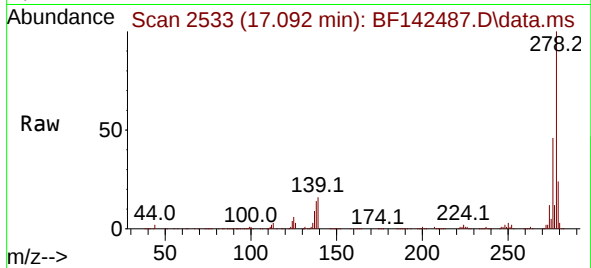




#91
 Dibenzo(a,h)anthracene
 Concen: 35.642 ng
 RT: 17.092 min Scan# 21
 Delta R.T. -0.023 min
 Lab File: BF142487.D
 Acq: 21 May 2025 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SS-11MS

Tgt Ion:278 Resp: 382303
 Ion Ratio Lower Upper
 278 100
 139 15.8 12.8 19.2
 279 24.0 18.6 28.0



#92
 Benzo(g,h,i)perylene
 Concen: 35.437 ng
 RT: 17.527 min Scan# 2607
 Delta R.T. -0.029 min
 Lab File: BF142487.D
 Acq: 21 May 2025 15:06

Tgt Ion:276 Resp: 380185
 Ion Ratio Lower Upper
 276 100
 277 23.8 19.2 28.8
 138 21.2 16.8 25.2

