

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
 Data File : BF142575.D
 Acq On : 30 May 2025 17:47
 Operator : RC/JU
 Sample : Q2136-05MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-646-COMP-52MS

Quant Time: May 30 18:36:37 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	124454	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	475431	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	242703	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	386820	20.000	ng	0.00
76) Chrysene-d12	14.069	240	212085	20.000	ng	# 0.00
86) Perylene-d12	15.563	264	244380	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	850442	115.126	ng	0.02
7) Phenol-d6	6.528	99	962082	108.193	ng	0.00
23) Nitrobenzene-d5	7.463	82	692772	79.456	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	338403	125.628	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1409485	77.928	ng	-0.01
79) Terphenyl-d14	13.010	244	1193056	76.873	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.875	88	109425	37.018	ng	# 83
3) Pyridine	3.575	79	288883	38.377	ng	97
4) n-Nitrosodimethylamine	3.522	42	166592	42.623	ng	93
6) Aniline	6.563	93	198871	16.633	ng	96
8) 2-Chlorophenol	6.687	128	350814	43.601	ng	99
9) Benzaldehyde	6.451	77	111082	20.769	ng	99
10) Phenol	6.545	94	357369	35.717	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	327479	45.468	ng	98
12) 1,3-Dichlorobenzene	6.840	146	361573	40.272	ng	99
13) 1,4-Dichlorobenzene	6.916	146	367181	40.600	ng	99
14) 1,2-Dichlorobenzene	7.069	146	357420	41.302	ng	100
15) Benzyl Alcohol	7.040	79	285775	43.488	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	512639	42.383	ng	98
17) 2-Methylphenol	7.151	107	269382	42.882	ng	100
18) Hexachloroethane	7.410	117	127885	40.496	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	232283	42.149	ng	100
20) 3+4-Methylphenols	7.304	107	324527	40.341	ng	97
22) Acetophenone	7.310	105	460673	43.771	ng	99
24) Nitrobenzene	7.481	77	343282	43.654	ng	99
25) Isophorone	7.722	82	635149	43.571	ng	99
26) 2-Nitrophenol	7.798	139	191951	45.683	ng	96
27) 2,4-Dimethylphenol	7.834	122	320622	43.269	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	399789	43.903	ng	99
29) 2,4-Dichlorophenol	8.040	162	295302	43.821	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	317732	43.445	ng	98
31) Naphthalene	8.204	128	1032597	44.109	ng	100
32) Benzoic acid	7.916	122	71713	15.899	ng	98
33) 4-Chloroaniline	8.251	127	61213	6.453	ng	97
34) Hexachlorobutadiene	8.322	225	193579	42.391	ng	100
35) Caprolactam	8.651	113	24913	13.163	ng	99
36) 4-Chloro-3-methylphenol	8.734	107	295535	42.793	ng	97
37) 2-Methylnaphthalene	8.892	142	635978	43.182	ng	100
38) 1-Methylnaphthalene	8.992	142	653030	42.867	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	323229	46.394	ng	99
41) Hexachlorocyclopentadiene	9.051	237	372659	79.292	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	214598	45.679	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	227005	45.816	ng	98
46) 1,1'-Biphenyl	9.363	154	851230	45.208	ng	100
47) 2-Chloronaphthalene	9.386	162	630060	45.290	ng	99
48) 2-Nitroaniline	9.481	65	187208	46.556	ng	96
49) Acenaphthylene	9.804	152	1056597	44.979	ng	100
50) Dimethylphthalate	9.663	163	733448	45.799	ng	100
51) 2,6-Dinitrotoluene	9.722	165	160757	46.510	ng	99
52) Acenaphthene	9.975	154	647899	45.168	ng	100
53) 3-Nitroaniline	9.886	138	72217	19.129	ng	99
54) 2,4-Dinitrophenol	9.998	184	90906	50.908	ng	92
55) Dibenzofuran	10.145	168	922876	44.709	ng	99
56) 4-Nitrophenol	10.051	139	222884	80.015	ng	98
57) 2,4-Dinitrotoluene	10.128	165	216349	47.929	ng	98
58) Fluorene	10.492	166	707598	44.373	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	183840	44.446	ng	99
60) Diethylphthalate	10.357	149	693528	44.342	ng	100
61) 4-Chlorophenyl-phenyle...	10.481	204	343117	43.800	ng	98
62) 4-Nitroaniline	10.504	138	148490	43.369	ng	97
63) Azobenzene	10.639	77	621944	44.273	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	76704	35.532	ng	99
66) n-Nitrosodiphenylamine	10.598	169	616149	46.558	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	213536	46.686	ng	99
68) Hexachlorobenzene	11.039	284	237061	46.861	ng	98
69) Atrazine	11.122	200	182965	52.059	ng	99
70) Pentachlorophenol	11.233	266	237608	83.193	ng	99
71) Phenanthrene	11.451	178	944210	45.675	ng	100
72) Anthracene	11.504	178	948235	44.945	ng	99
73) Carbazole	11.657	167	827137	45.859	ng	100
74) Di-n-butylphthalate	11.986	149	965813	48.920	ng	100
75) Fluoranthene	12.639	202	863997	44.729	ng	98
77) Benzidine	12.763	184	73986	9.374	ng	99
78) Pyrene	12.869	202	844379	42.679	ng	100
80) Butylbenzylphthalate	13.486	149	312542	57.171	ng	98
81) Benzo(a)anthracene	14.057	228	675809	47.720	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	98903	23.025	ng	98
83) Chrysene	14.098	228	579589	45.546	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	415089	59.313	ng	99
85) Di-n-octyl phthalate	14.657	149	707460	51.700	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	827812	45.121	ng	99
88) Benzo(b)fluoranthene	15.121	252	681568	47.123	ng	98
89) Benzo(k)fluoranthene	15.157	252	608621	44.928	ng	99
90) Benzo(a)pyrene	15.504	252	642562	47.132	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	674007	45.296	ng	99
92) Benzo(g,h,i)perylene	17.539	276	661658	44.457	ng	98

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

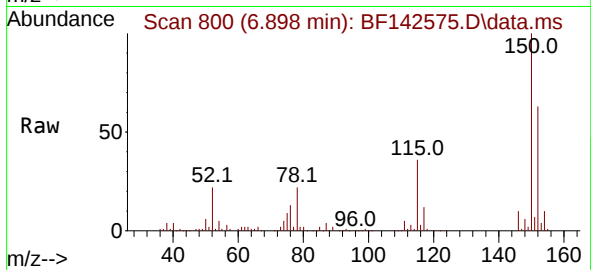
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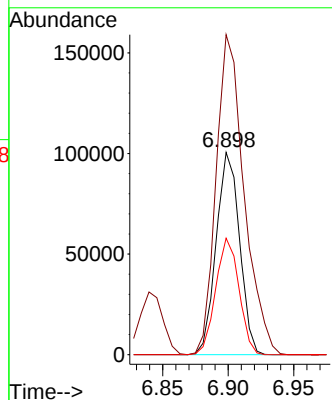
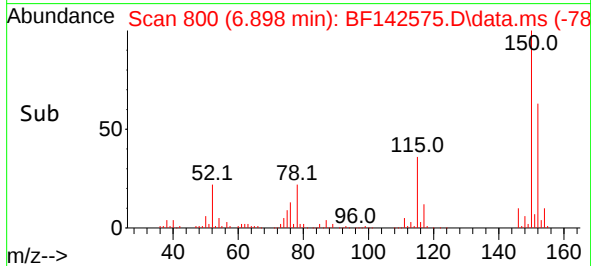


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

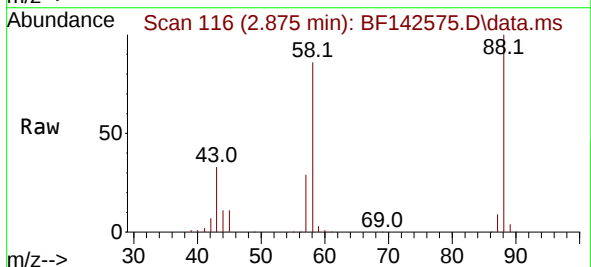
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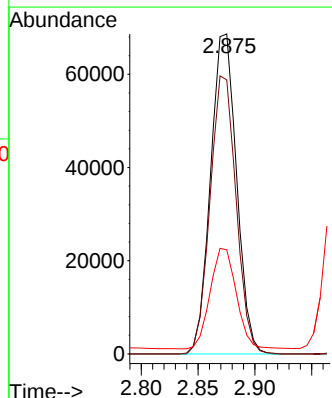
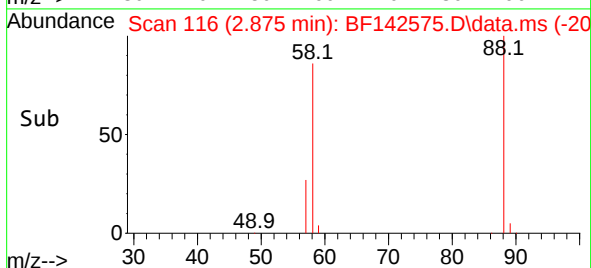
Tgt Ion:152 Resp: 124454
Ion Ratio Lower Upper
152 100
150 158.2 128.2 192.4
115 57.6 48.3 72.5

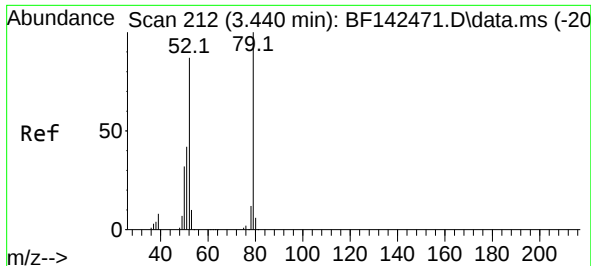


#2
1,4-Dioxane
Concen: 37.018 ng
RT: 2.875 min Scan# 116
Delta R.T. 0.212 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47



Tgt Ion: 88 Resp: 109425
Ion Ratio Lower Upper
88 100
58 86.9 70.8 106.2
43 0.0 26.6 40.0#

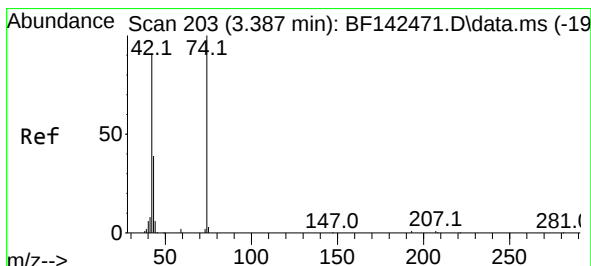
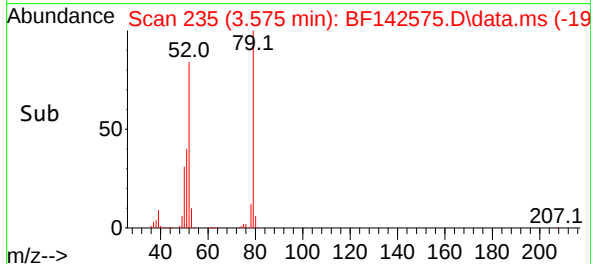
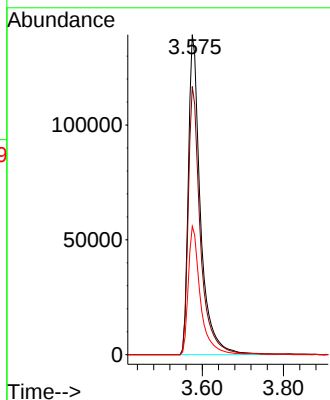
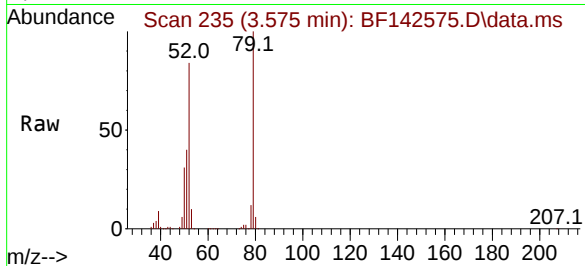




#3
Pyridine
Concen: 38.377 ng
RT: 3.575 min Scan# 212
Delta R.T. 0.135 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

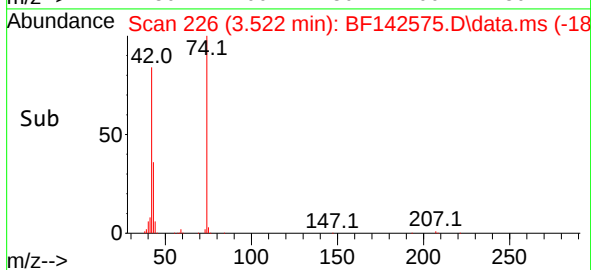
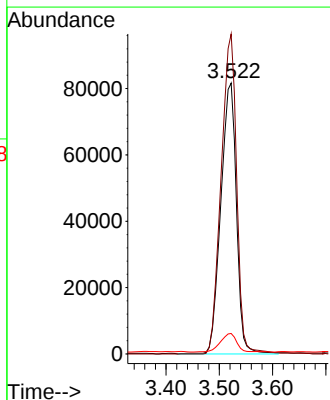
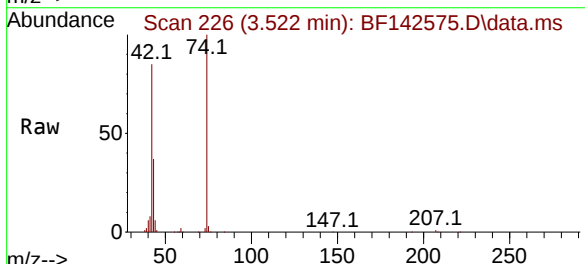
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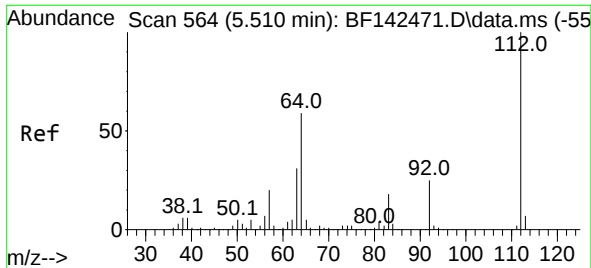
Tgt Ion: 79 Resp: 288883
Ion Ratio Lower Upper
79 100
52 83.8 69.2 103.8
51 40.1 33.3 49.9



#4
n-Nitrosodimethylamine
Concen: 42.623 ng
RT: 3.522 min Scan# 226
Delta R.T. 0.118 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

Tgt Ion: 42 Resp: 166592
Ion Ratio Lower Upper
42 100
74 118.1 88.2 132.4
44 7.6 5.4 8.2

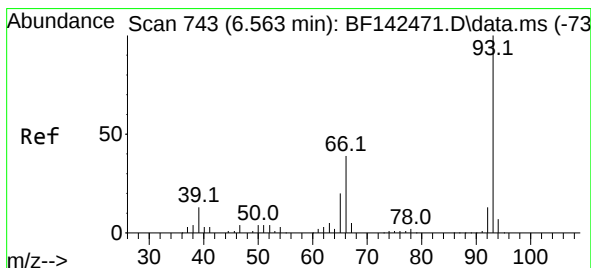
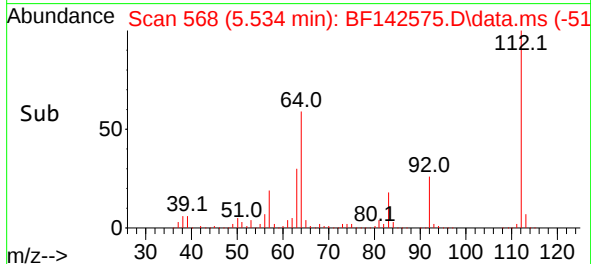
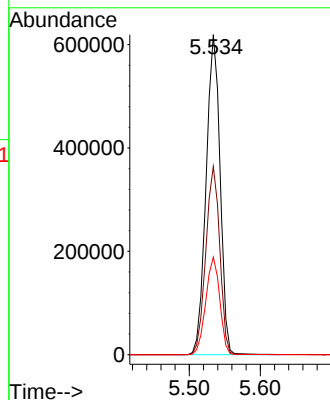
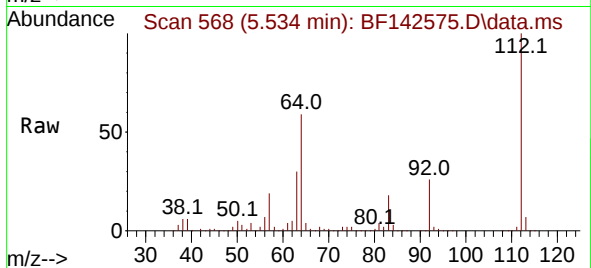




#5
2-Fluorophenol
Concen: 115.126 ng
RT: 5.534 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

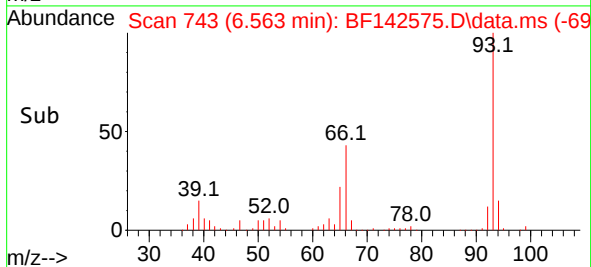
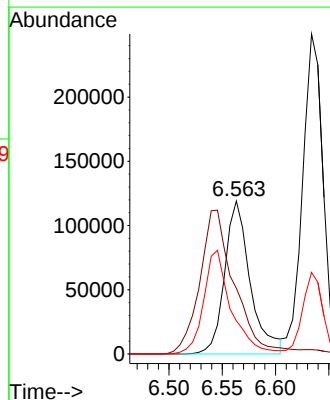
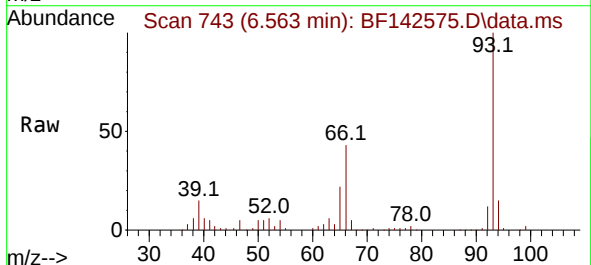
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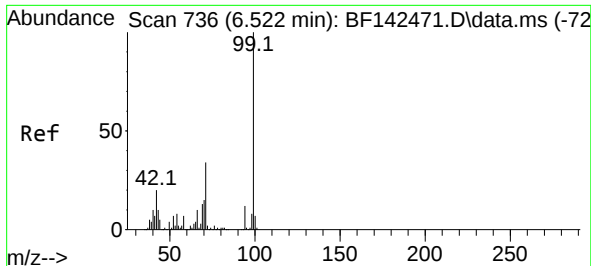
Tgt Ion:112 Resp: 850442
Ion Ratio Lower Upper
112 100
64 58.8 47.5 71.3
63 30.5 24.9 37.3



#6
Aniline
Concen: 16.633 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

Tgt Ion: 93 Resp: 198871
Ion Ratio Lower Upper
93 100
66 43.0 32.0 48.0
65 21.7 16.1 24.1

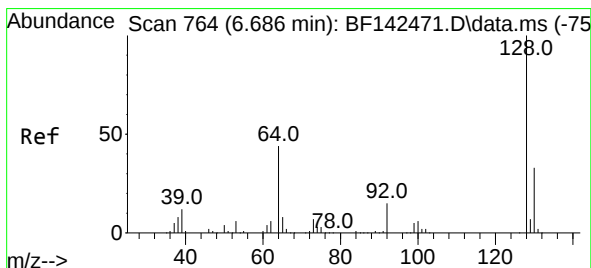
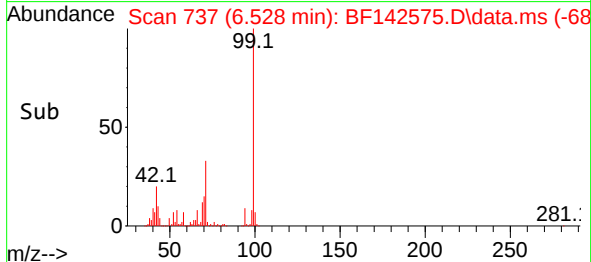
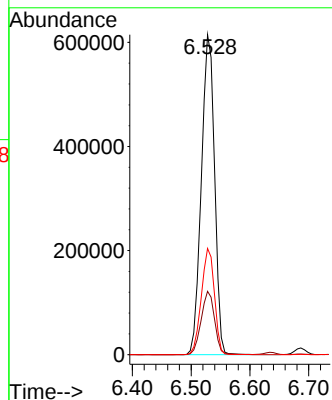
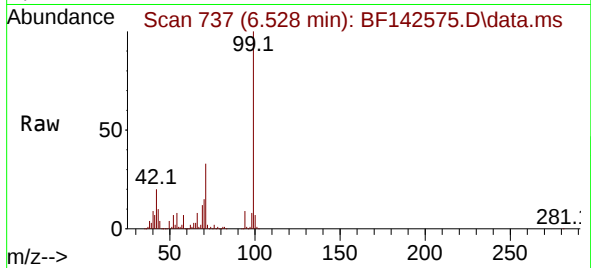




#7
Phenol-d6
Concen: 108.193 ng
RT: 6.528 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF142575.D
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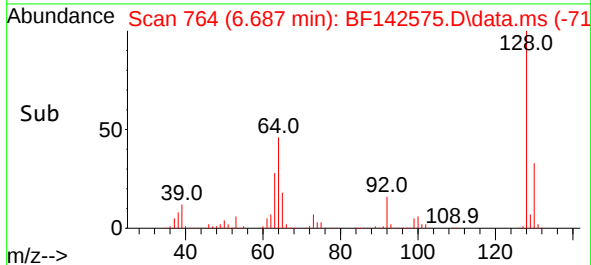
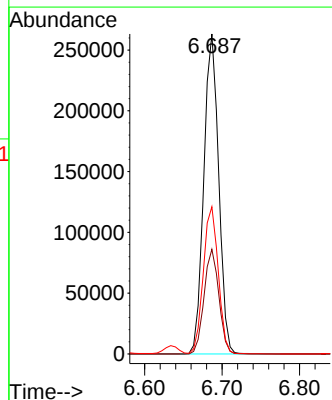
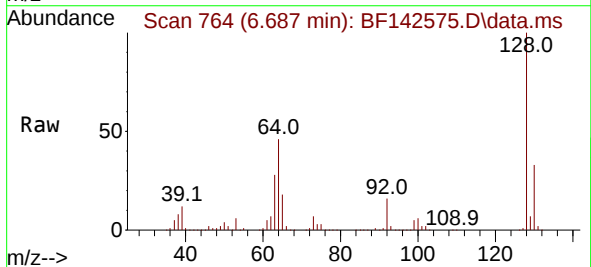
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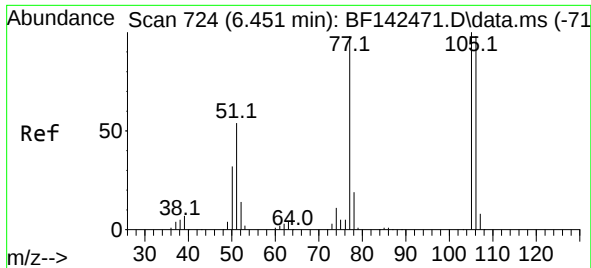
Tgt Ion: 99 Resp: 962082
Ion Ratio Lower Upper
99 100
42 19.8 16.2 24.2
71 33.2 27.3 40.9



#8
2-Chlorophenol
Concen: 43.601 ng
RT: 6.687 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142575.D
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Tgt Ion:128 Resp: 350814
Ion Ratio Lower Upper
128 100
130 32.7 12.6 52.6
64 46.0 25.1 65.1

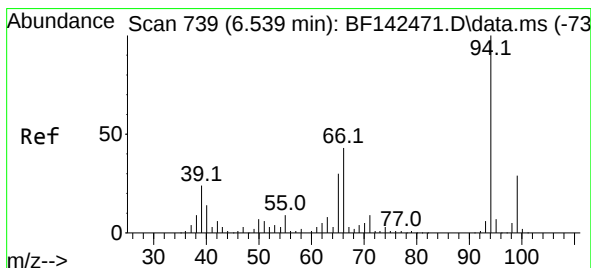
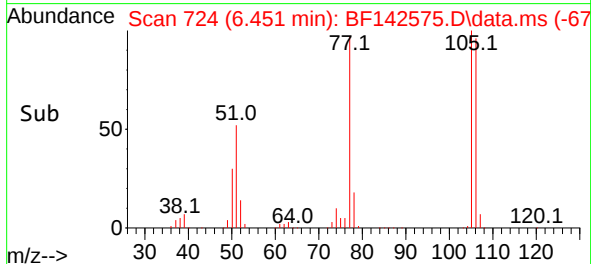
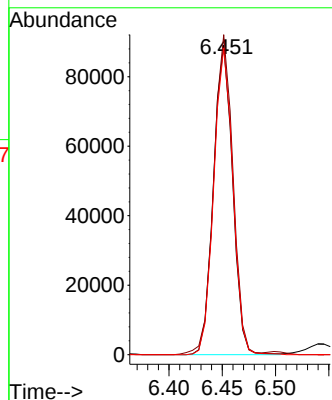
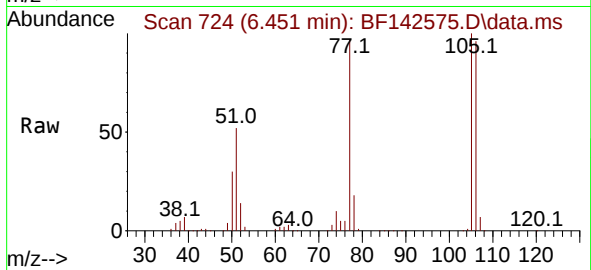




#9
Benzaldehyde
Concen: 20.769 ng
RT: 6.451 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142575.D
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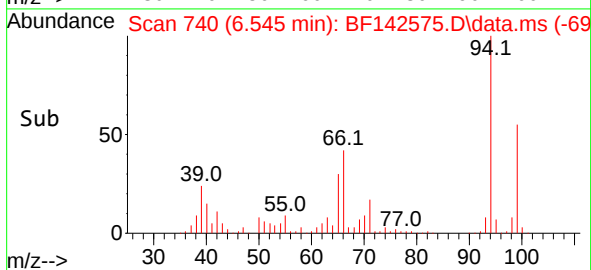
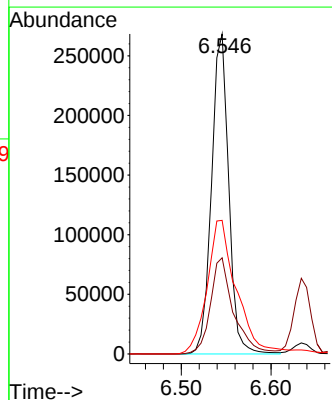
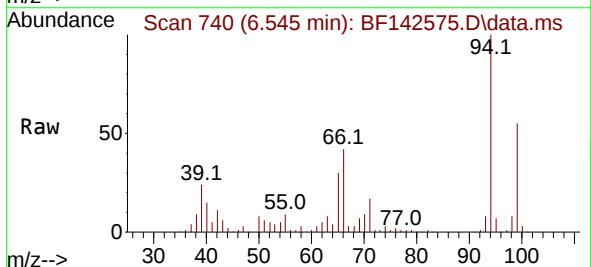
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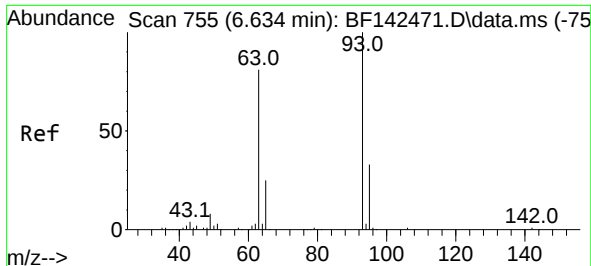
Tgt Ion: 77 Resp: 111082
Ion Ratio Lower Upper
77 100
105 103.3 82.5 122.5
106 99.1 80.0 120.0



#10
Phenol
Concen: 35.717 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF142575.D
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Tgt Ion: 94 Resp: 357369
Ion Ratio Lower Upper
94 100
65 30.1 10.3 50.3
66 41.7 22.6 62.6



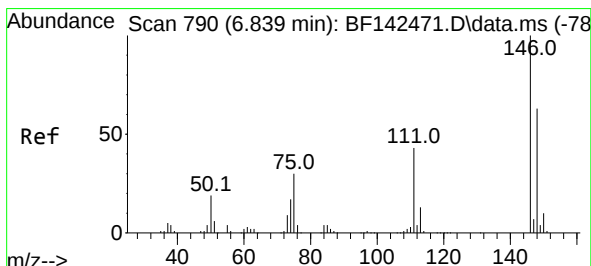
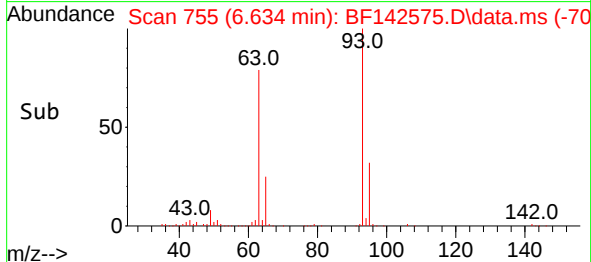
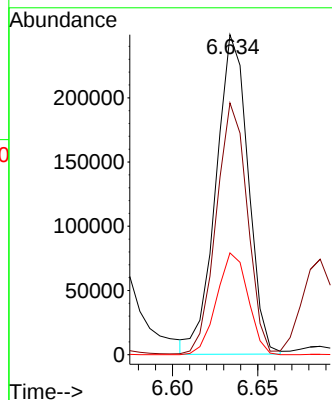
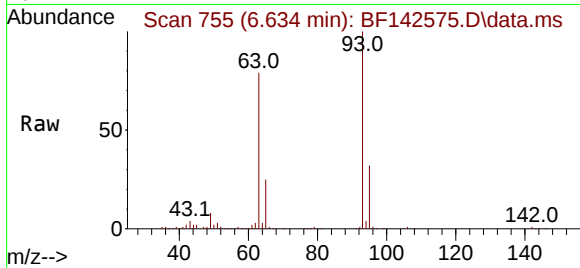


#11
bis(2-Chloroethyl)ether
Concen: 45.468 ng
RT: 6.634 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MS

Tgt Ion: 93 Resp: 327479

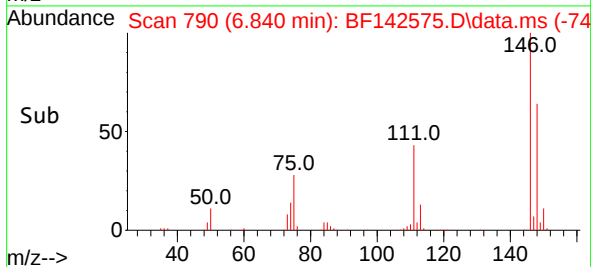
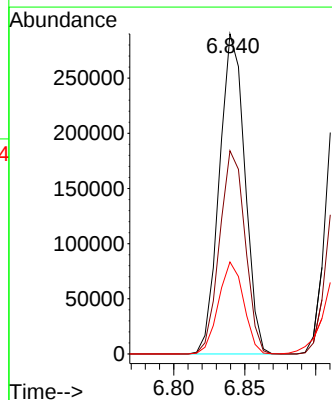
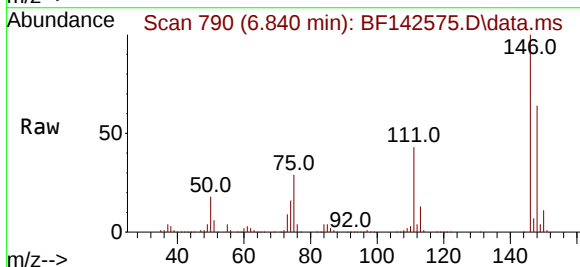
Ion	Ratio	Lower	Upper
93	100		
63	78.7	60.2	100.2
95	31.8	12.3	52.3

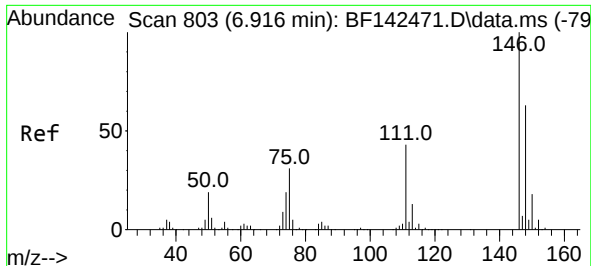


#12
1,3-Dichlorobenzene
Concen: 40.272 ng
RT: 6.840 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

Tgt Ion: 146 Resp: 361573

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
75	28.8	23.8	35.6





#13

1,4-Dichlorobenzene

Concen: 40.600 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142575.D

Acq: 30 May 2025 17:47

Instrument :

BNA_F

ClientSampleId :

OR-646-COMP-52MS

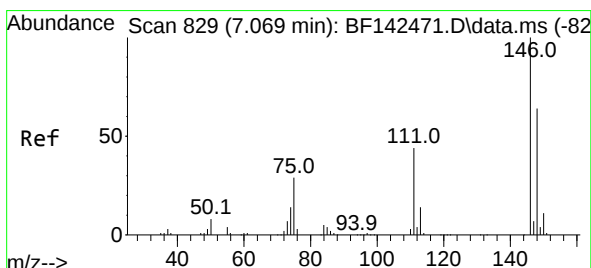
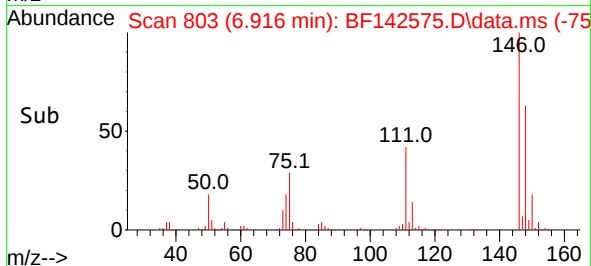
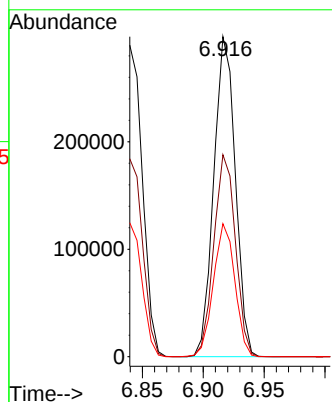
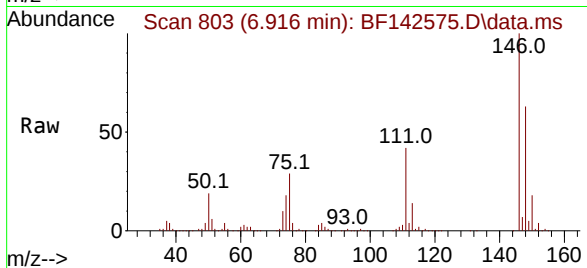
Tgt Ion:146 Resp: 367181

Ion Ratio Lower Upper

146 100

148 63.1 50.4 75.6

111 41.6 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 41.302 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142575.D

Acq: 30 May 2025 17:47

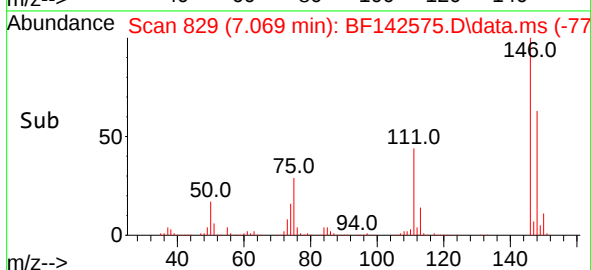
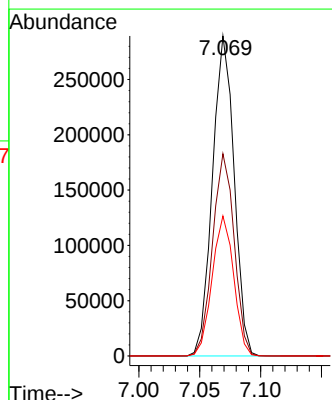
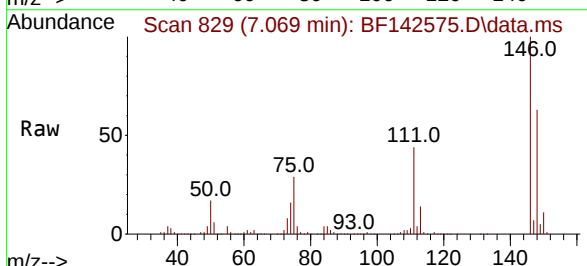
Tgt Ion:146 Resp: 357420

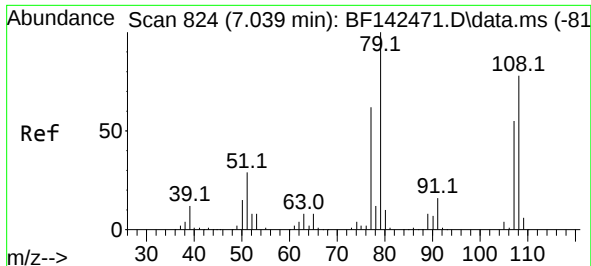
Ion Ratio Lower Upper

146 100

148 63.2 51.0 76.4

111 43.8 35.0 52.6

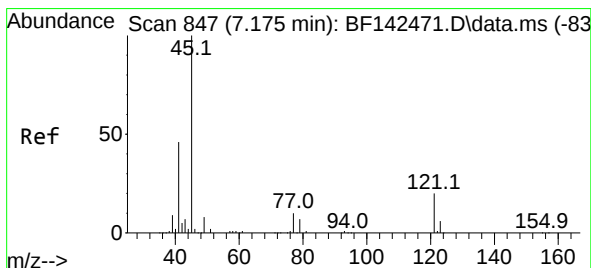
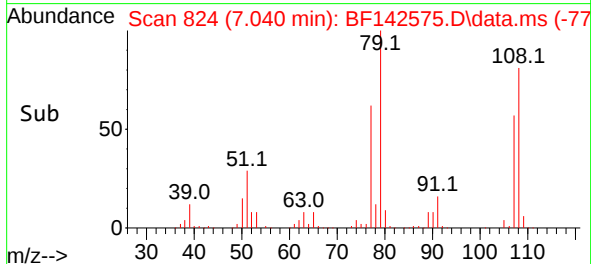
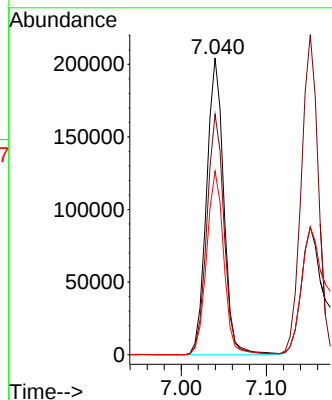
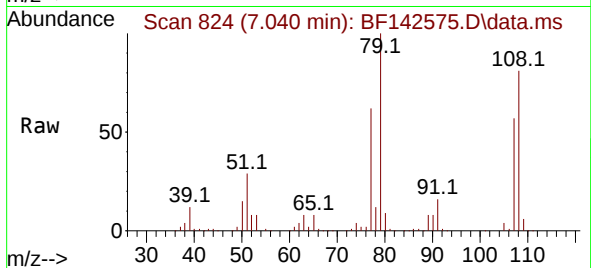




#15
Benzyl Alcohol
Concen: 43.488 ng
RT: 7.040 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

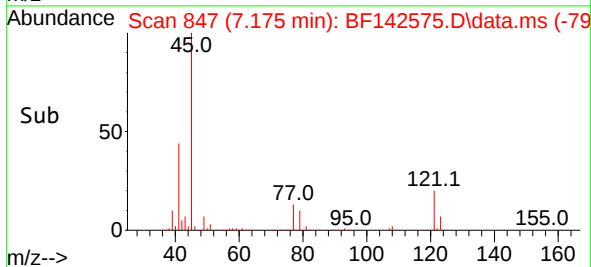
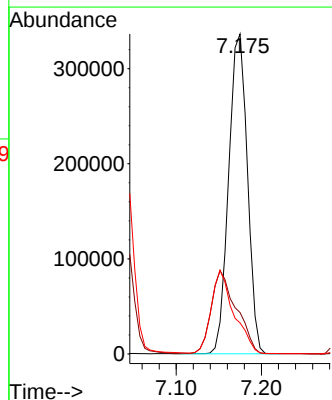
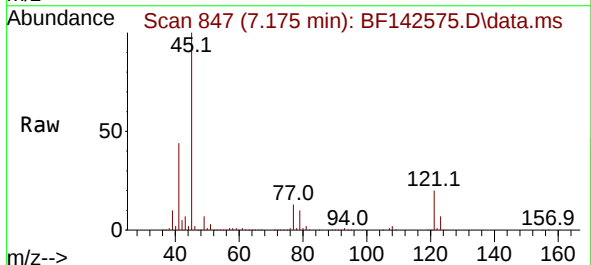
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MS

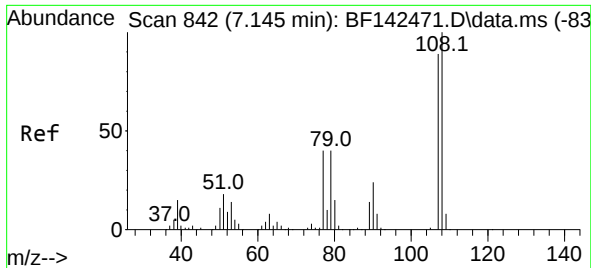
Tgt Ion: 79 Resp: 285775
Ion Ratio Lower Upper
79 100
108 81.0 62.1 93.1
77 61.9 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.383 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

Tgt Ion: 45 Resp: 512639
Ion Ratio Lower Upper
45 100
77 13.0 0.0 32.0
79 9.7 0.0 29.2

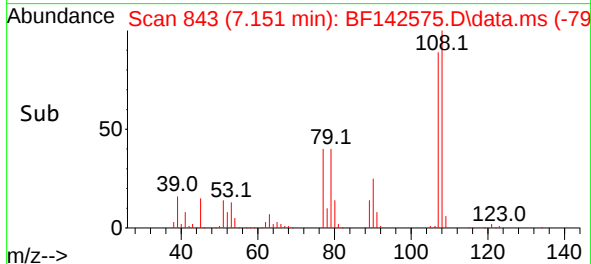
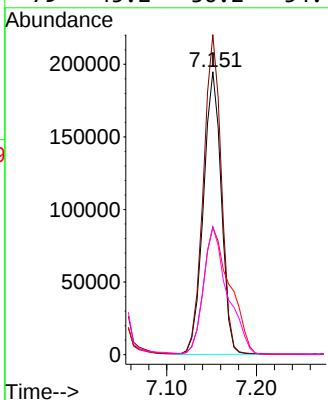
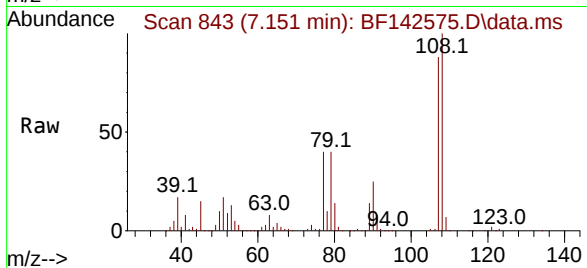




#17
2-Methylphenol
Concen: 42.882 ng
RT: 7.151 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

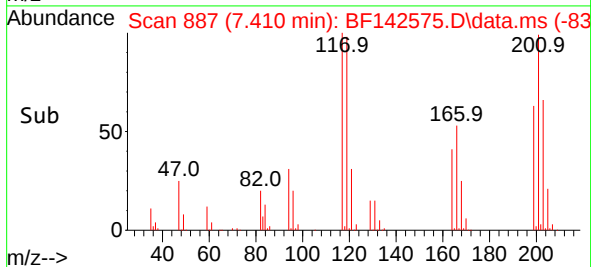
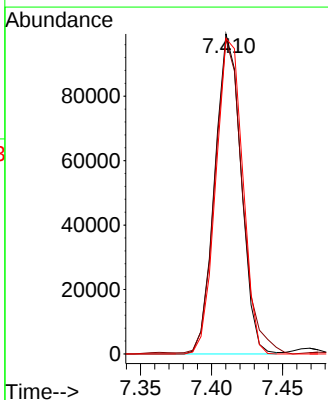
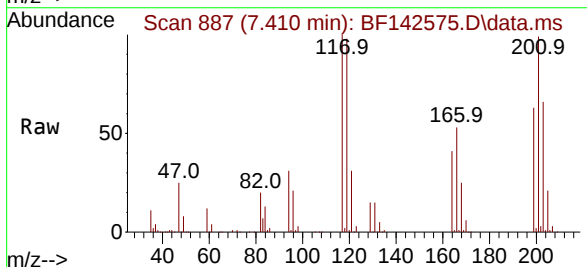
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MS

Tgt Ion:	107	Resp:	269382
Ion	Ratio	Lower	Upper
107	100		
108	113.1	90.2	135.2
77	45.1	36.1	54.1
79	45.2	36.2	54.4



#18
Hexachloroethane
Concen: 40.496 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

Tgt Ion:	117	Resp:	127885
Ion	Ratio	Lower	Upper
117	100		
119	98.4	76.6	114.8
201	98.6	81.3	121.9





#19

n-Nitroso-di-n-propylamine

Concen: 42.149 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.017 min

Lab File: BF142575.D

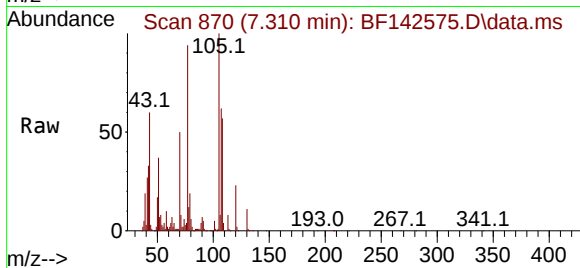
Acq: 30 May 2025 17:47

Instrument :

BNA_F

ClientSampleId :

OR-646-COMP-52MS



Tgt Ion: 70 Resp: 232283

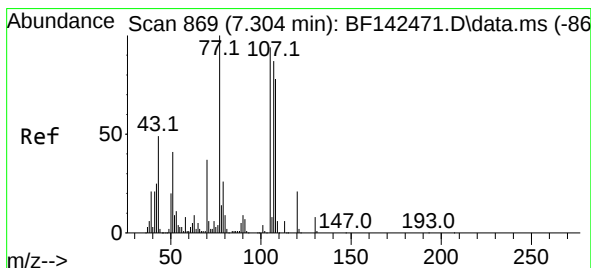
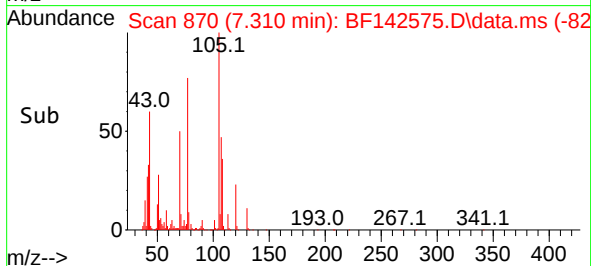
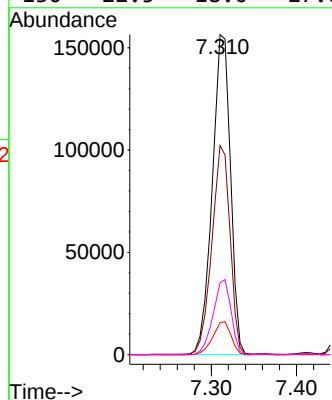
Ion Ratio Lower Upper

70 100

42 65.3 52.4 78.6

101 10.0 7.8 11.8

130 22.5 18.0 27.0



#20

3+4-Methylphenols

Concen: 40.341 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF142575.D

Acq: 30 May 2025 17:47

Tgt Ion: 107 Resp: 324527

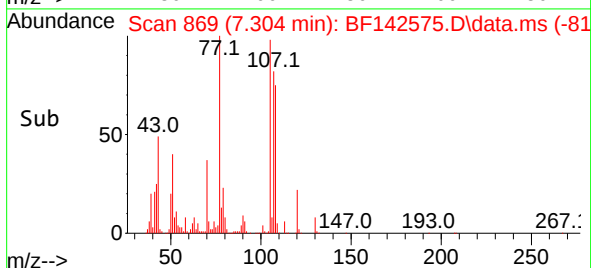
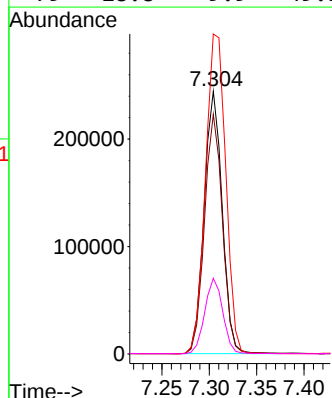
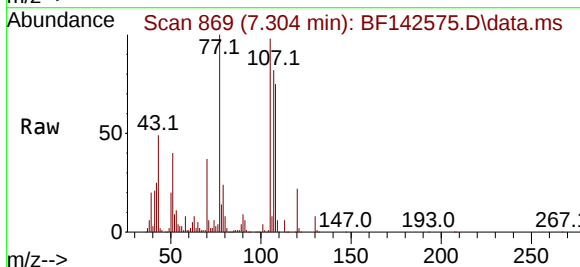
Ion Ratio Lower Upper

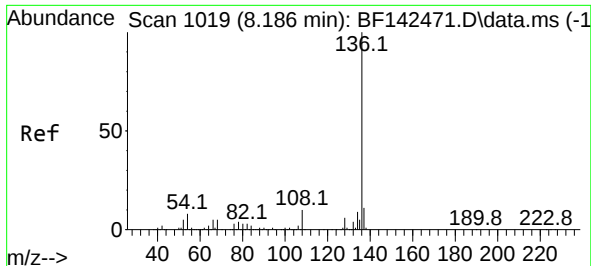
107 100

108 91.2 70.4 110.4

77 121.8 95.4 135.4

79 28.8 9.9 49.9

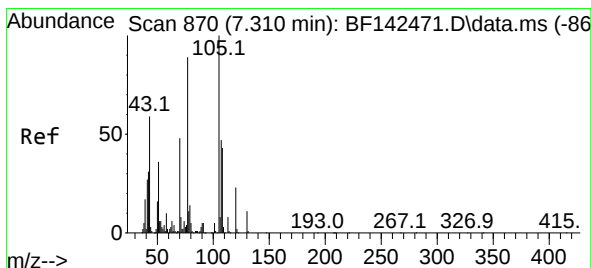
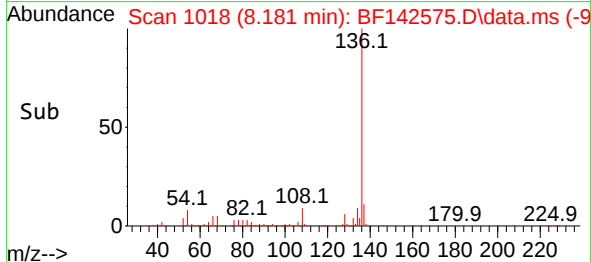
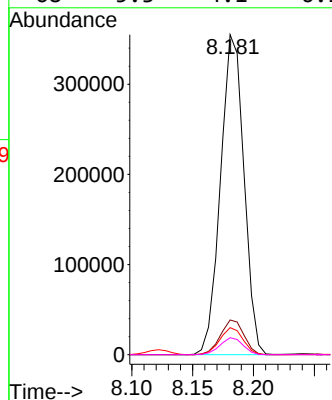
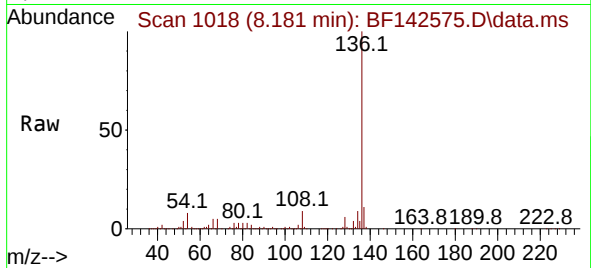




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

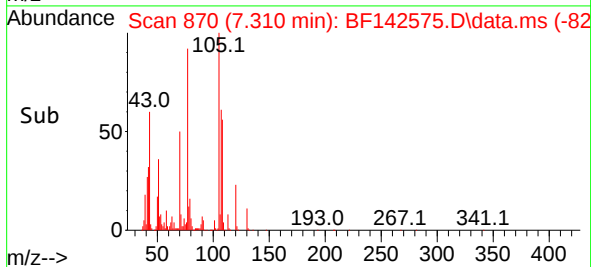
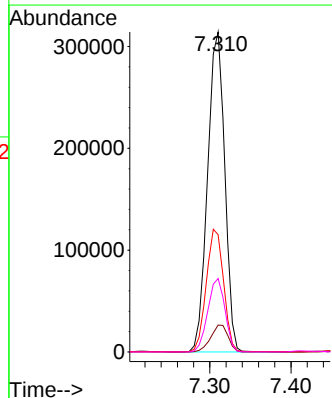
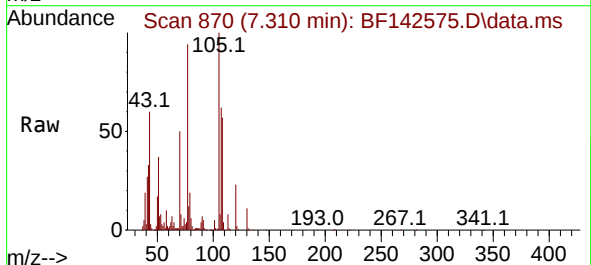
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MS

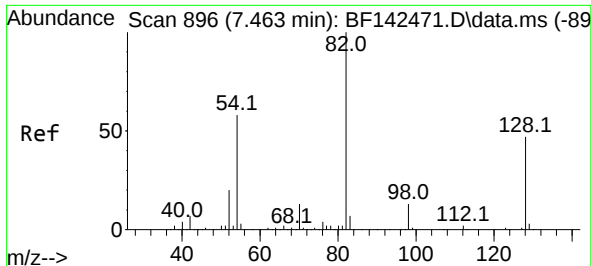
Tgt Ion:136 Resp: 475431
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.4 6.6 10.0
68 5.3 4.1 6.1



#22
Acetophenone
Concen: 43.771 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

Tgt Ion:105 Resp: 460673
Ion Ratio Lower Upper
105 100
71 8.4 6.4 9.6
51 36.6 28.6 42.8
120 22.9 18.5 27.7





#23

Nitrobenzene-d5

Concen: 79.456 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142575.D

Acq: 30 May 2025 17:47

Instrument :

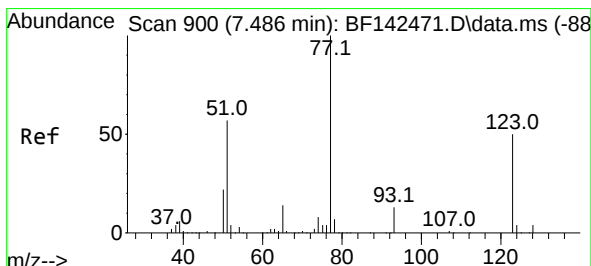
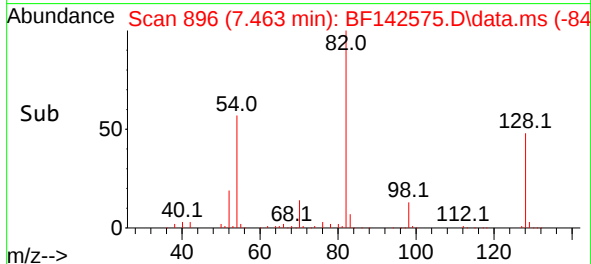
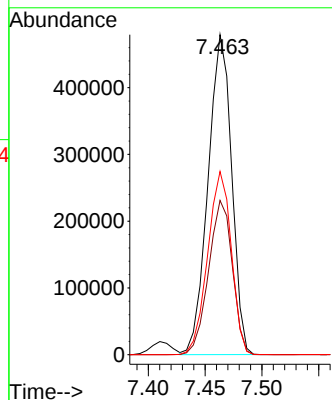
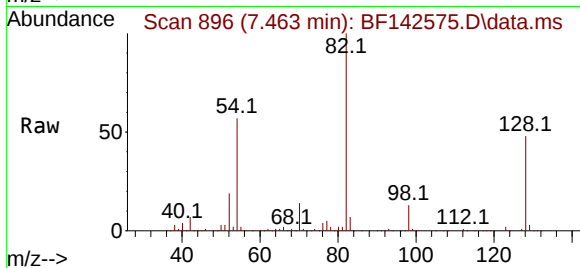
BNA_F

ClientSampleId :

OR-646-COMP-52MS

Tgt Ion: 82 Resp: 692772

Ion	Ratio	Lower	Upper
82	100		
128	48.2	37.4	56.2
54	57.2	46.6	70.0



#24

Nitrobenzene

Concen: 43.654 ng

RT: 7.481 min Scan# 899

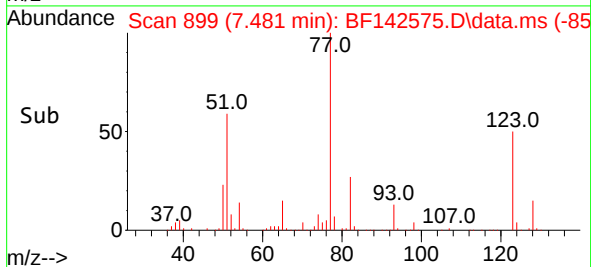
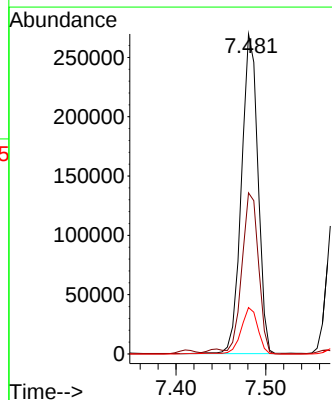
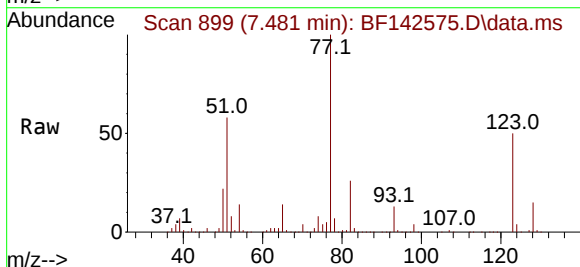
Delta R.T. -0.012 min

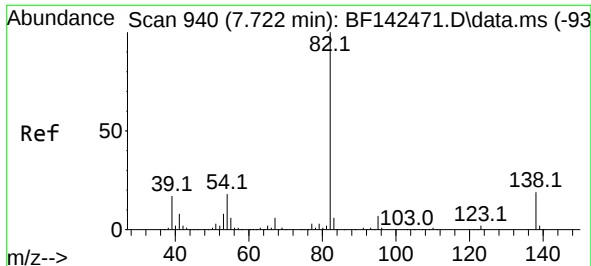
Lab File: BF142575.D

Acq: 30 May 2025 17:47

Tgt Ion: 77 Resp: 343282

Ion	Ratio	Lower	Upper
77	100		
123	50.3	40.6	61.0
65	14.5	11.4	17.2

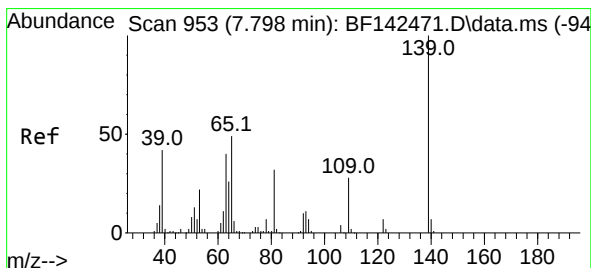
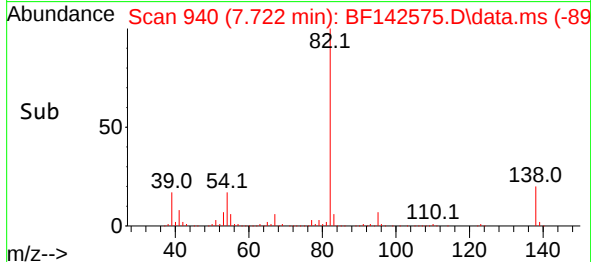
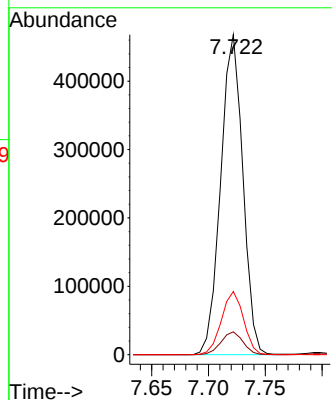
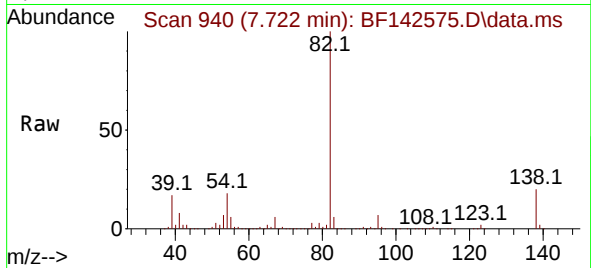




#25
Isophorone
Concen: 43.571 ng
RT: 7.722 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

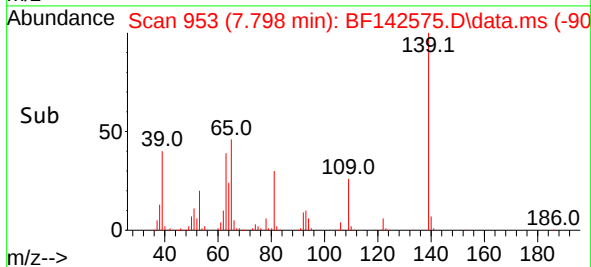
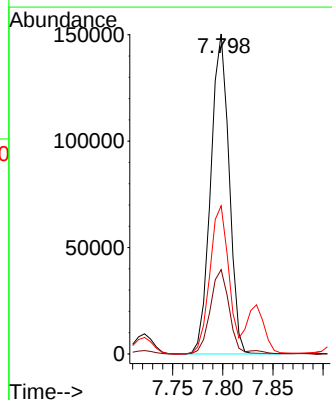
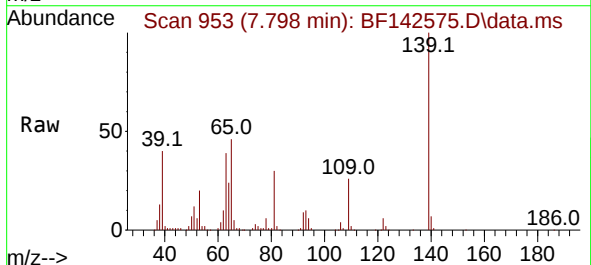
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MS

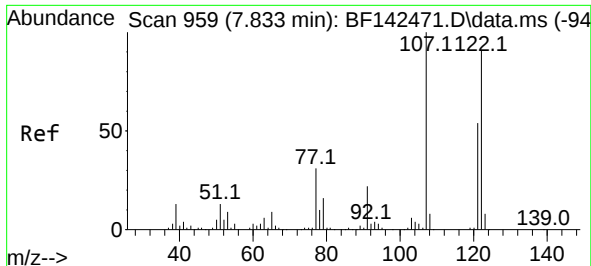
Tgt Ion: 82 Resp: 635149
Ion Ratio Lower Upper
82 100
95 7.1 6.0 9.0
138 19.8 15.5 23.3



#26
2-Nitrophenol
Concen: 45.683 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

Tgt Ion:139 Resp: 191951
Ion Ratio Lower Upper
139 100
109 26.4 22.6 33.8
65 46.3 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 43.269 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142575.D

Acq: 30 May 2025 17:47

Instrument :

BNA_F

ClientSampleId :

OR-646-COMP-52MS

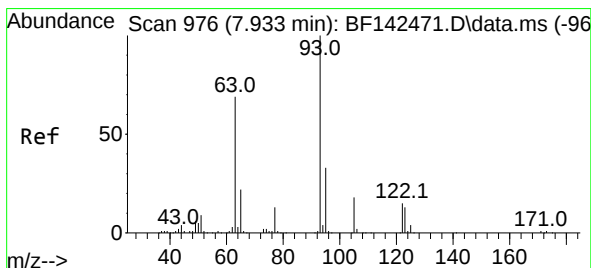
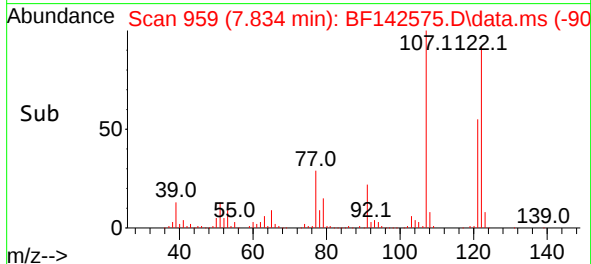
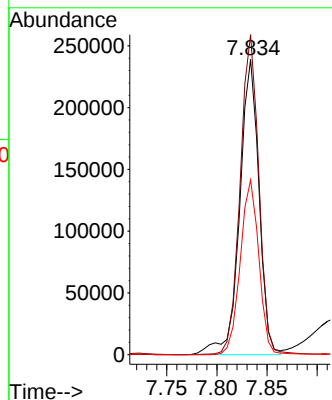
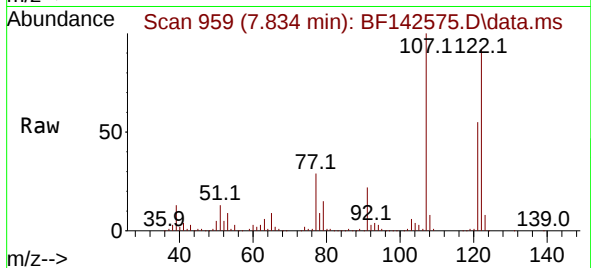
Tgt Ion:122 Resp: 320622

Ion Ratio Lower Upper

122 100

107 108.4 88.1 132.1

121 59.2 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 43.903 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142575.D

Acq: 30 May 2025 17:47

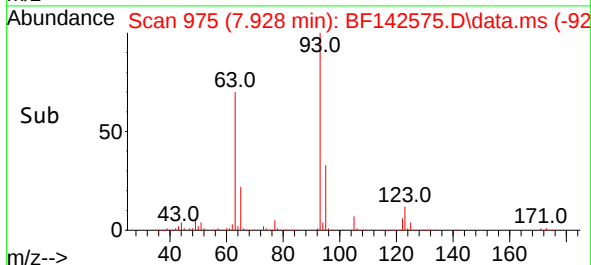
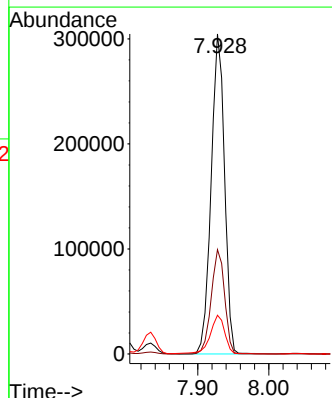
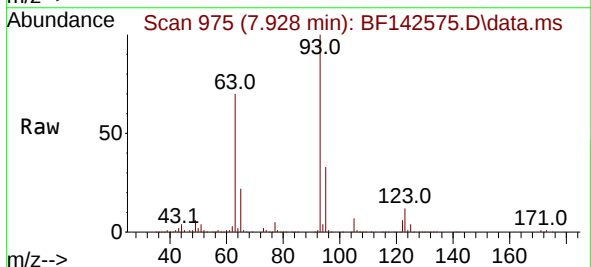
Tgt Ion: 93 Resp: 399789

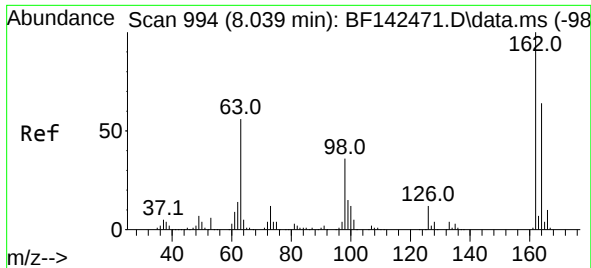
Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

123 12.1 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 43.821 ng

RT: 8.040 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142575.D

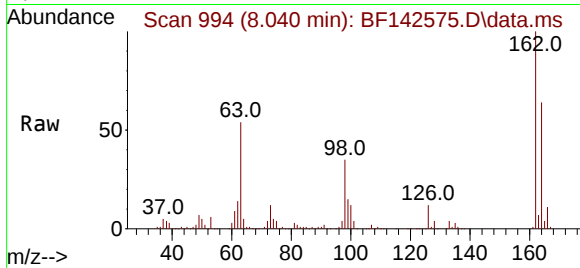
Acq: 30 May 2025 17:47

Instrument :

BNA_F

ClientSampleId :

OR-646-COMP-52MS



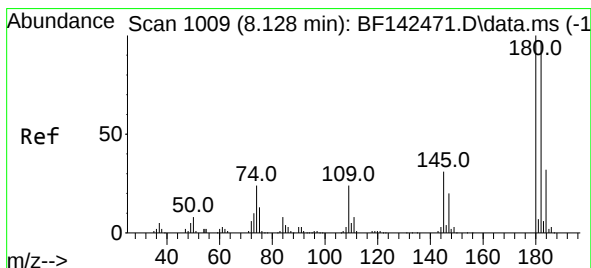
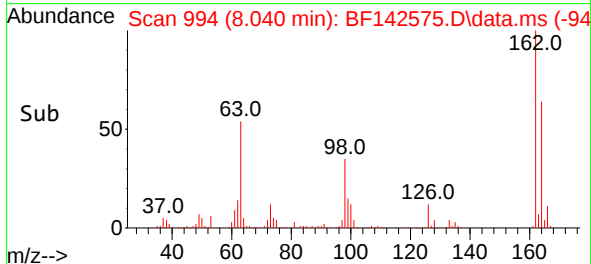
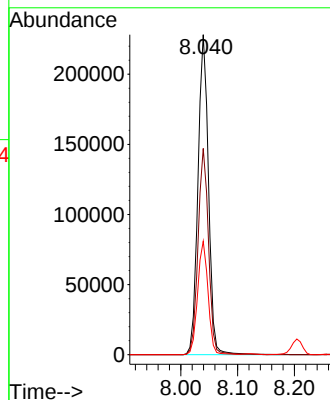
Tgt Ion:162 Resp: 295302

Ion Ratio Lower Upper

162 100

164 64.4 43.7 83.7

98 35.5 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 43.445 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142575.D

Acq: 30 May 2025 17:47

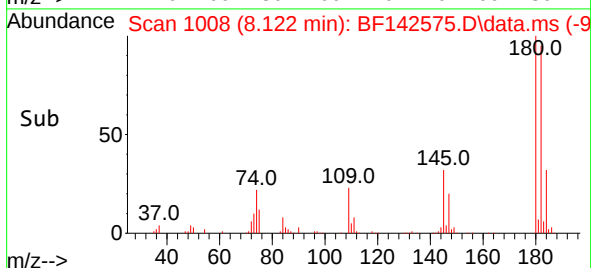
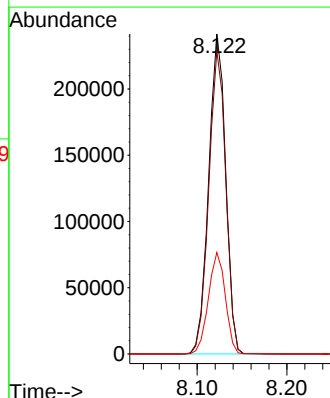
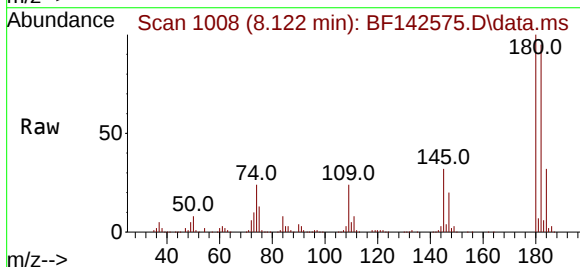
Tgt Ion:180 Resp: 317732

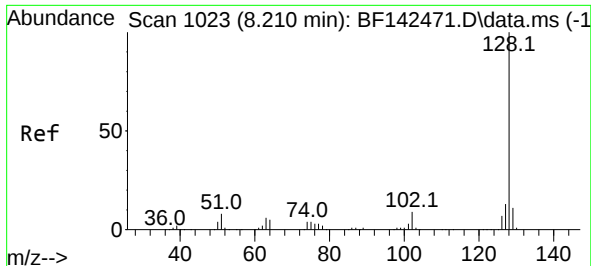
Ion Ratio Lower Upper

180 100

182 94.6 78.0 117.0

145 31.7 25.0 37.6

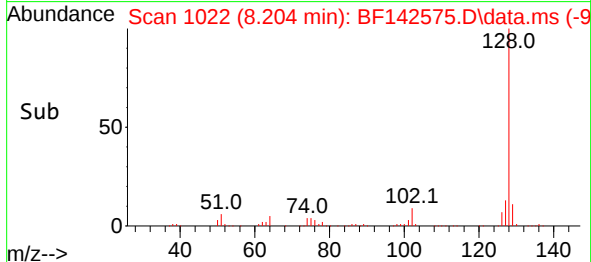
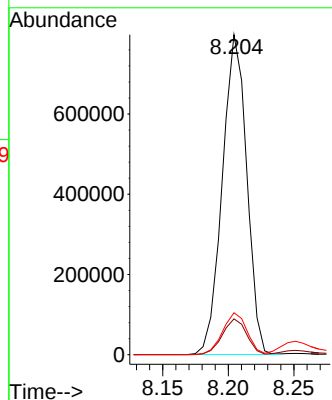
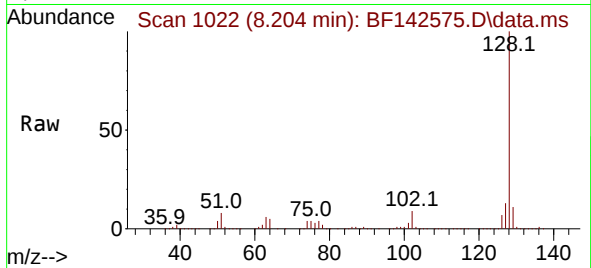




#31
Naphthalene
Concen: 44.109 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

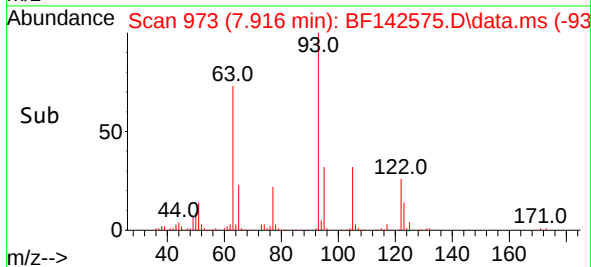
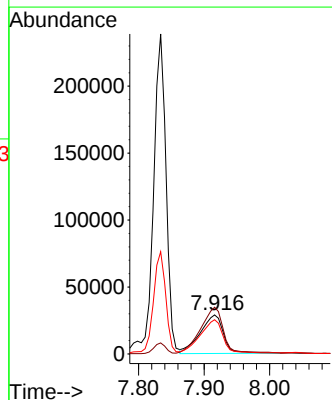
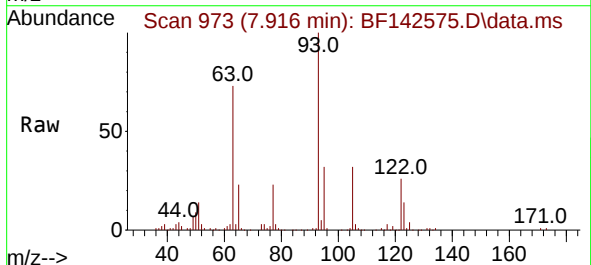
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MS

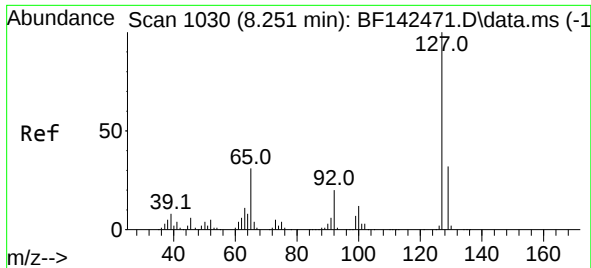
Tgt Ion:128 Resp: 1032597
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 15.899 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.059 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

Tgt Ion:122 Resp: 71713
Ion Ratio Lower Upper
122 100
105 120.0 101.7 141.7
77 88.0 69.5 109.5

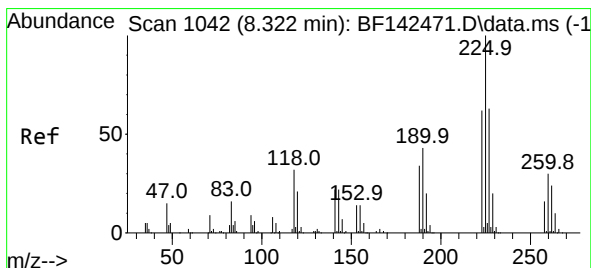
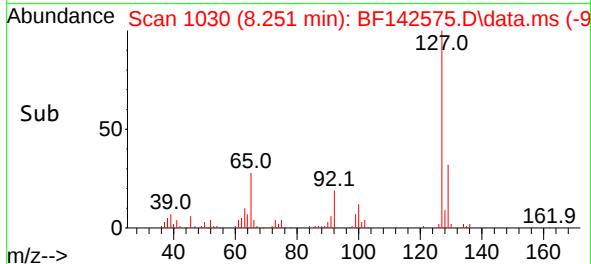
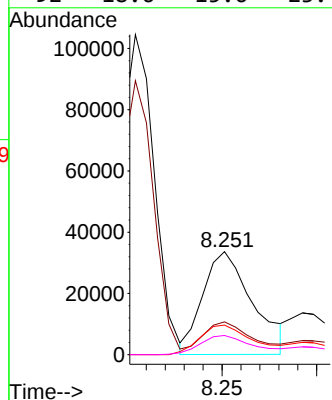
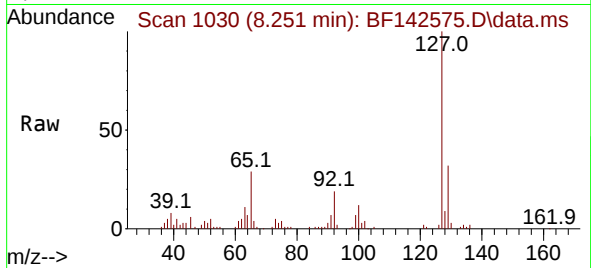




#33
4-Chloroaniline
Concen: 6.453 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

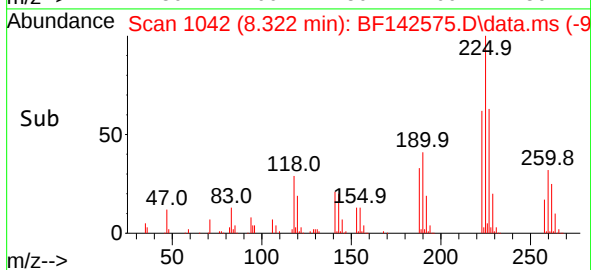
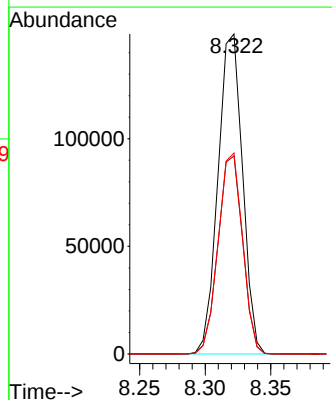
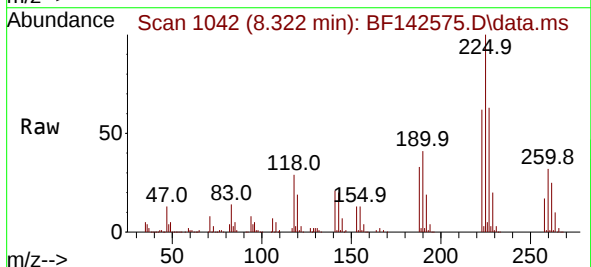
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MS

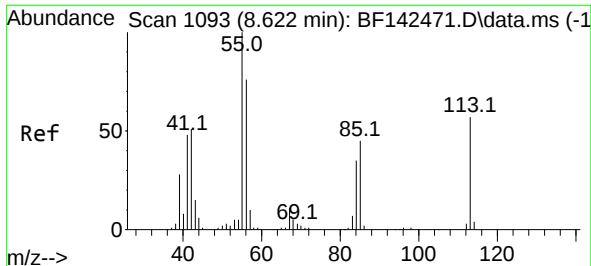
Tgt Ion:127	Resp:	61213	
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.1	39.1
65	28.8	24.9	37.3
92	18.6	15.6	23.4



#34
Hexachlorobutadiene
Concen: 42.391 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

Tgt Ion:225	Resp:	193579	
Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.7	74.5
227	62.8	50.3	75.5

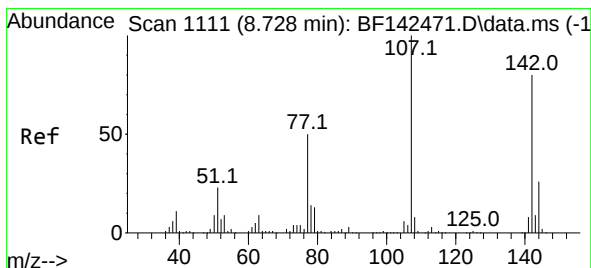
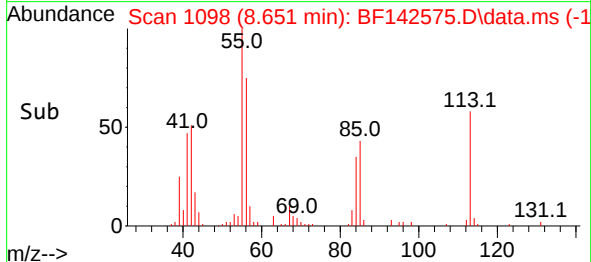
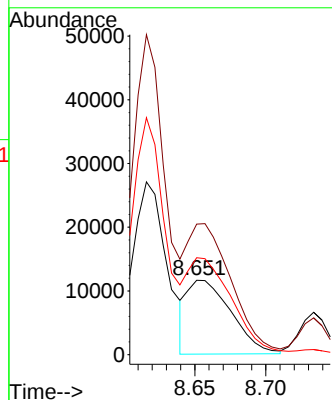
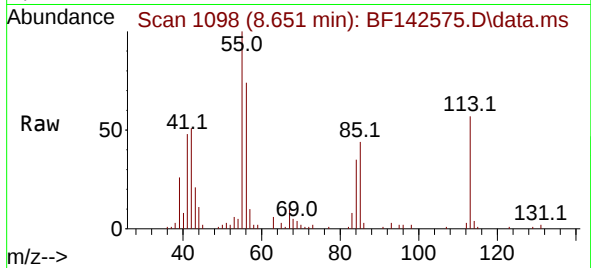




#35
 Caprolactam
 Concen: 13.163 ng
 RT: 8.651 min Scan# 1098
 Delta R.T. 0.006 min
 Lab File: BF142575.D
 Acq: 30 May 2025 17:47

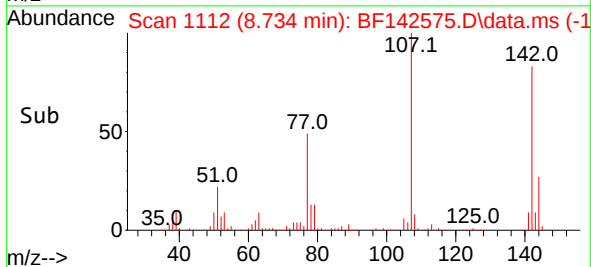
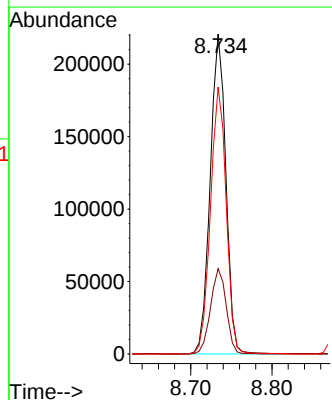
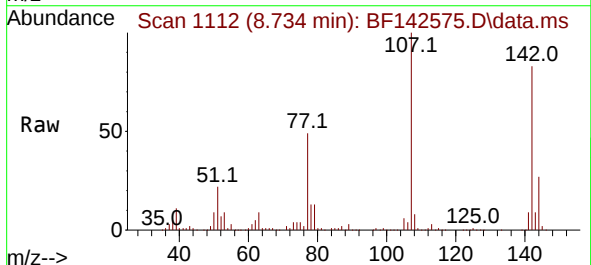
Instrument :
 BNA_F
 ClientSampleId :
 OR-646-COMP-52MS

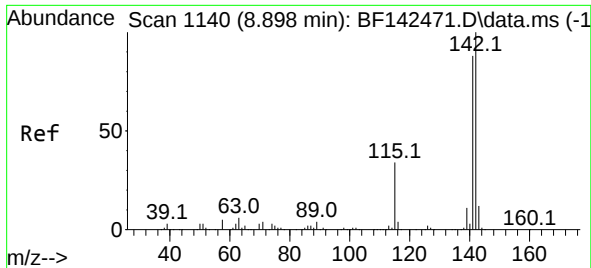
Tgt Ion:113 Resp: 24913
 Ion Ratio Lower Upper
 113 100
 55 175.4 154.7 194.7
 56 130.4 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 42.793 ng
 RT: 8.734 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF142575.D
 Acq: 30 May 2025 17:47

Tgt Ion:107 Resp: 295535
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.9 31.3
 142 83.4 64.2 96.2

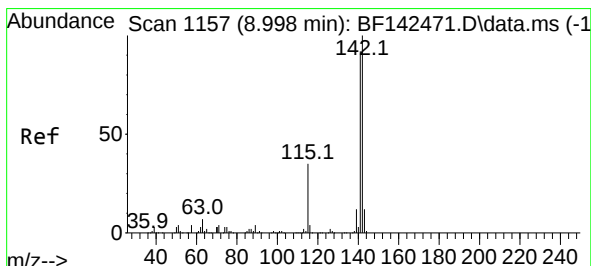
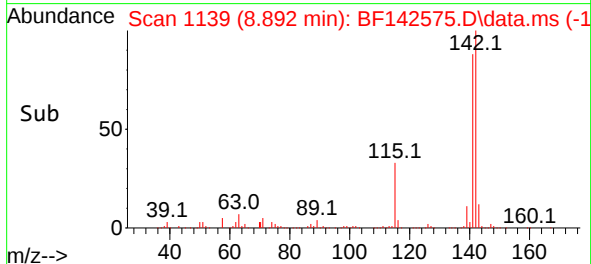
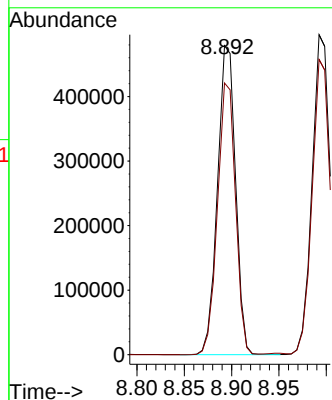
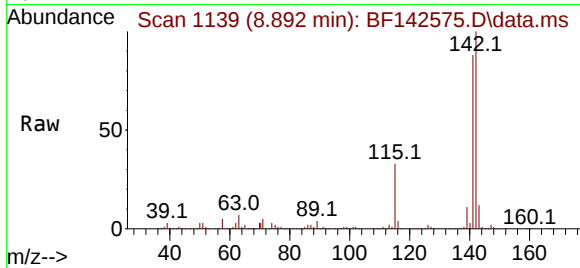




#37
2-Methylnaphthalene
Concen: 43.182 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

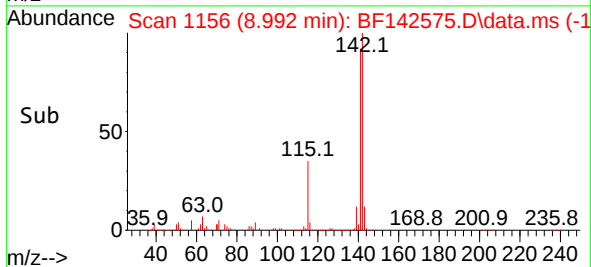
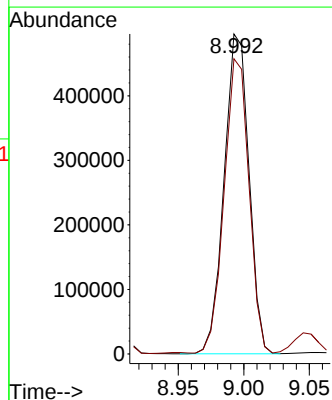
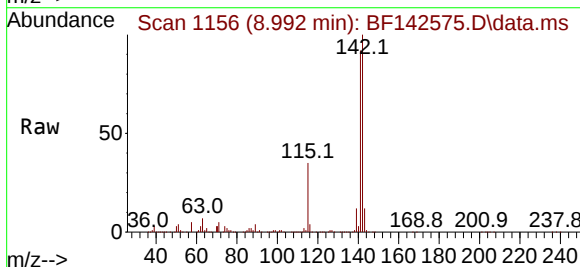
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MS

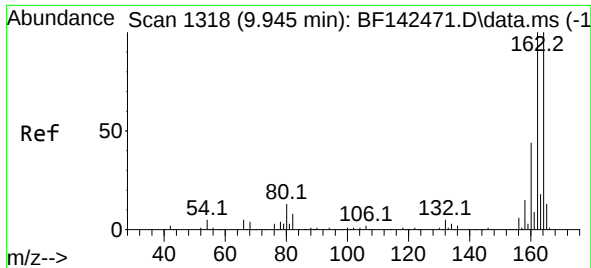
Tgt Ion:142 Resp: 635978
Ion Ratio Lower Upper
142 100
141 87.9 70.7 106.1



#38
1-Methylnaphthalene
Concen: 42.867 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

Tgt Ion:142 Resp: 653030
Ion Ratio Lower Upper
142 100
141 92.2 73.4 110.2

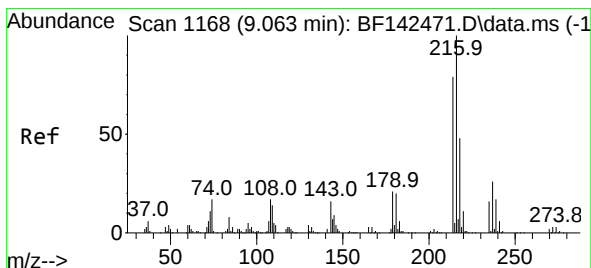
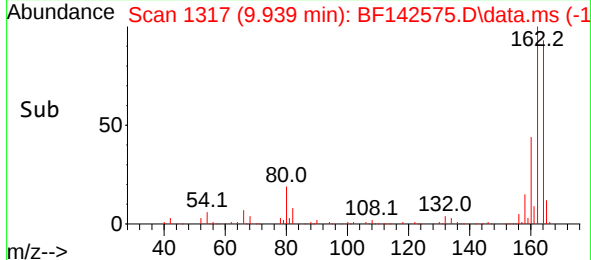
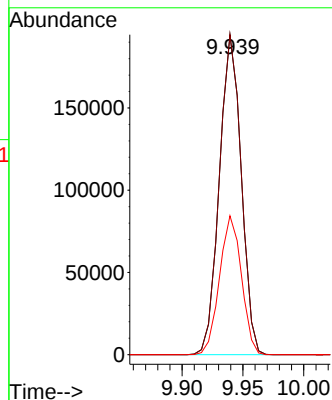
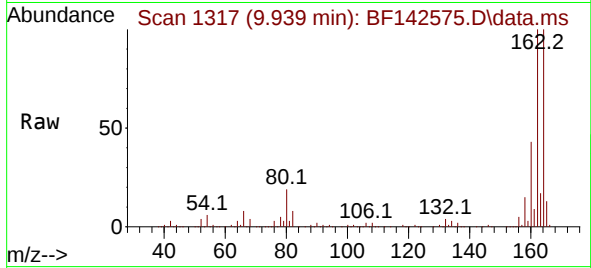




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

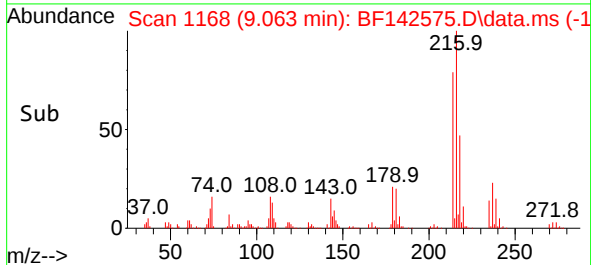
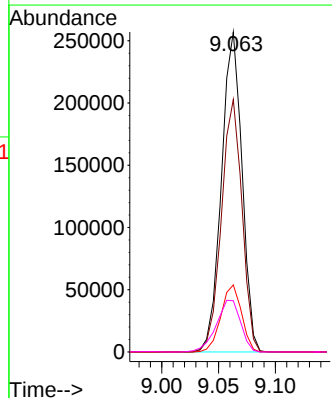
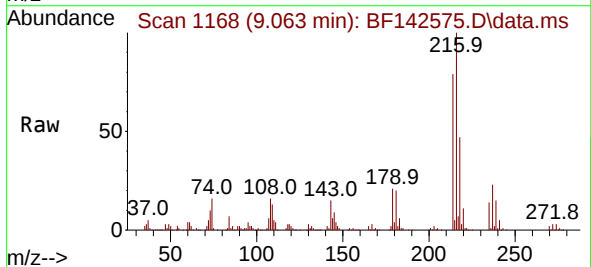
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MS

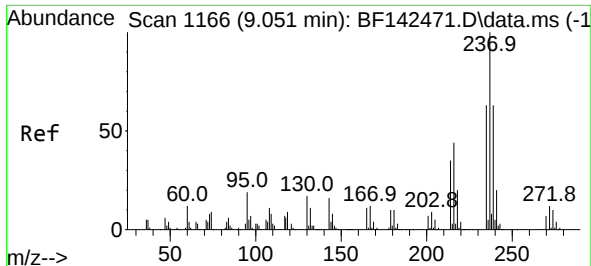
Tgt Ion:164 Resp: 242703
Ion Ratio Lower Upper
164 100
162 100.1 80.2 120.4
160 43.4 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.394 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

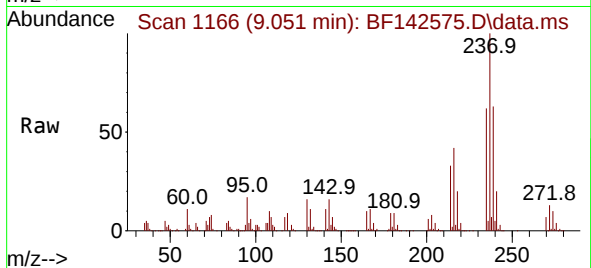
Tgt Ion:216 Resp: 323229
Ion Ratio Lower Upper
216 100
214 79.0 62.9 94.3
179 21.0 16.9 25.3
108 19.1 14.6 22.0



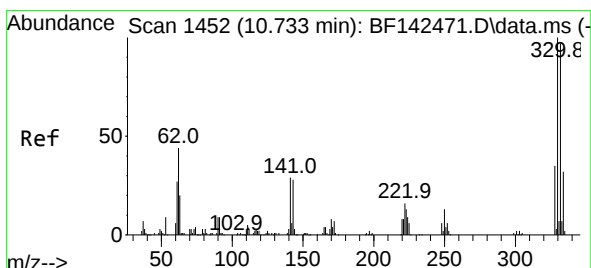
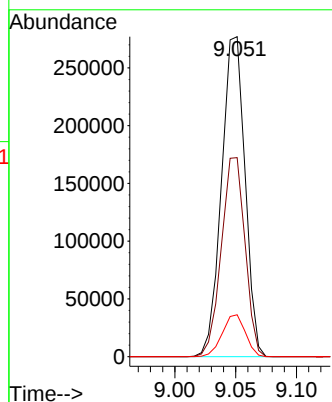
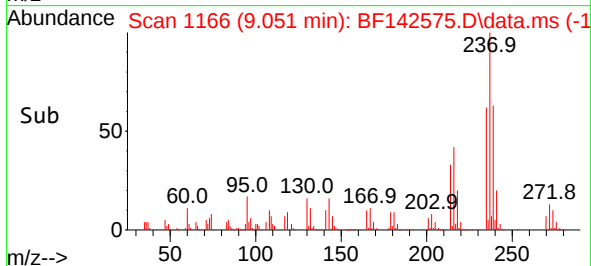


#41
Hexachlorocyclopentadiene
Concen: 79.292 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

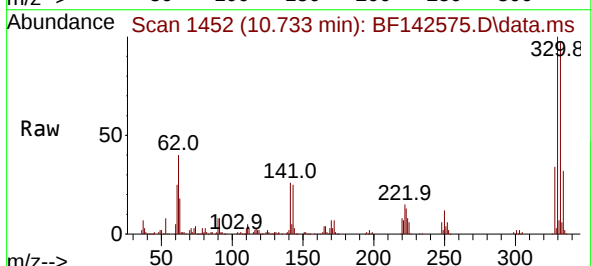
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MS



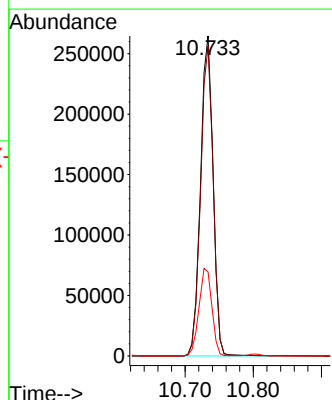
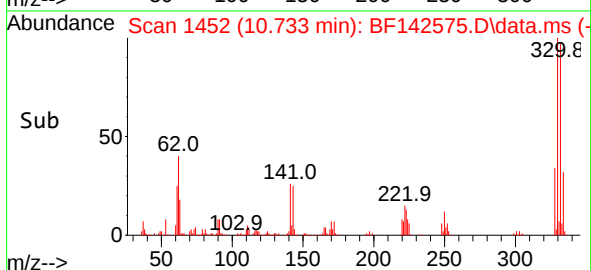
Tgt Ion:237 Resp: 372659
Ion Ratio Lower Upper
237 100
235 62.2 43.3 83.3
272 13.1 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 125.628 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47



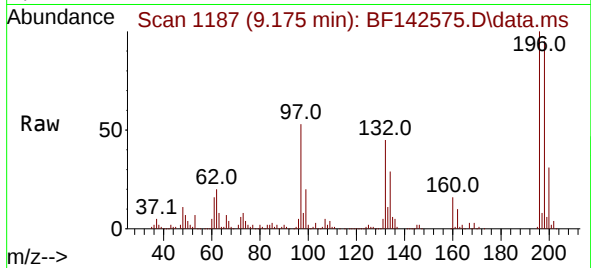
Tgt Ion:330 Resp: 338403
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 28.2 24.6 36.8



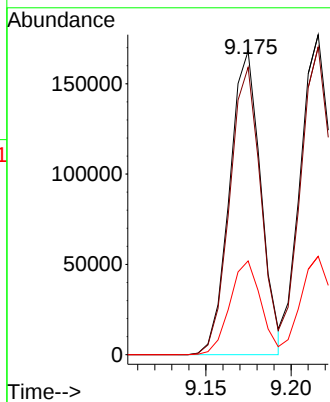
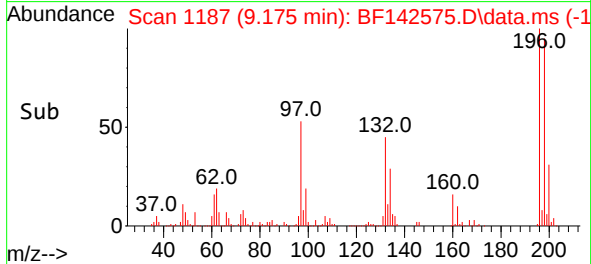


#43
2,4,6-Trichlorophenol
Concen: 45.679 ng
RT: 9.175 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

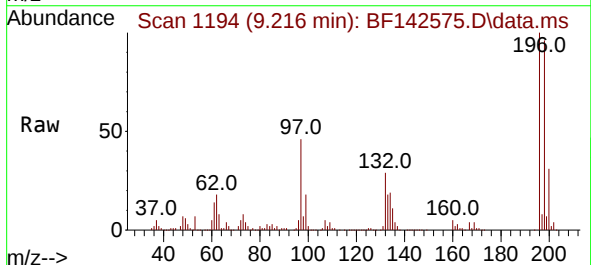
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MS



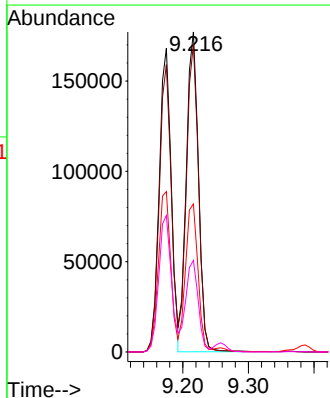
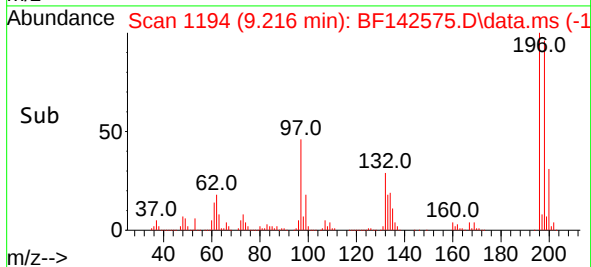
Tgt Ion:196 Resp: 214598
Ion Ratio Lower Upper
196 100
198 94.6 78.8 118.2
200 30.9 24.9 37.3

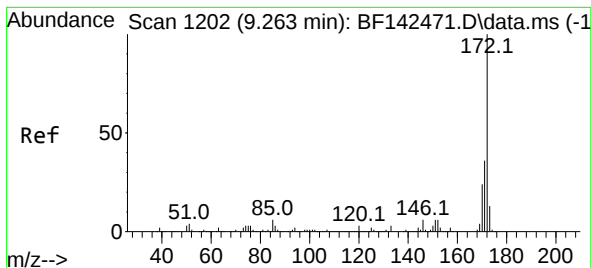


#44
2,4,5-Trichlorophenol
Concen: 45.816 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47



Tgt Ion:196 Resp: 227005
Ion Ratio Lower Upper
196 100
198 96.2 75.5 113.3
97 46.3 39.3 58.9
132 28.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 77.928 ng

RT: 9.257 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142575.D

Acq: 30 May 2025 17:47

Instrument :

BNA_F

ClientSampleId :

OR-646-COMP-52MS

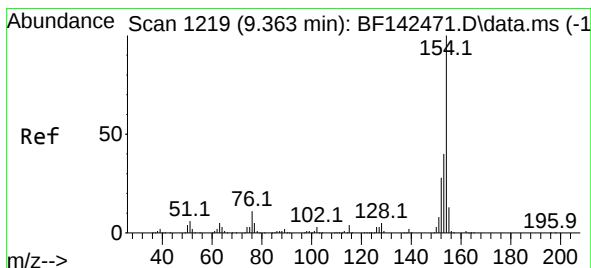
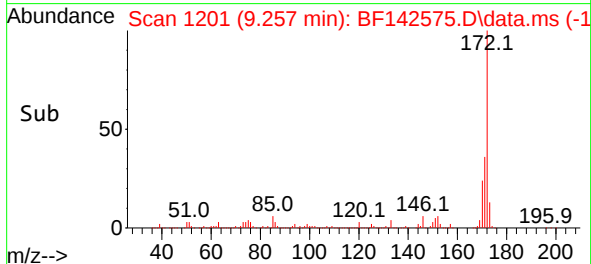
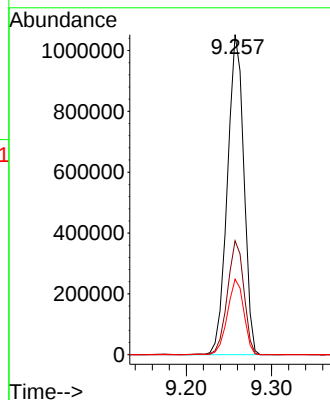
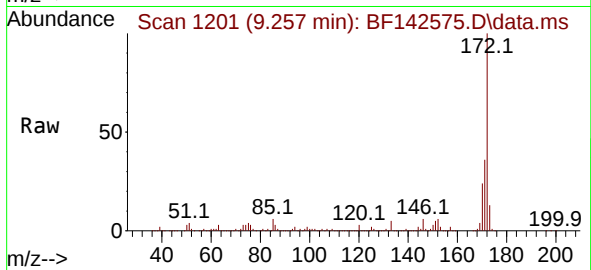
Tgt Ion:172 Resp: 1409485

Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 23.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 45.208 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142575.D

Acq: 30 May 2025 17:47

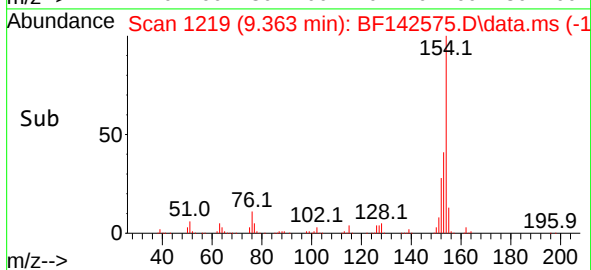
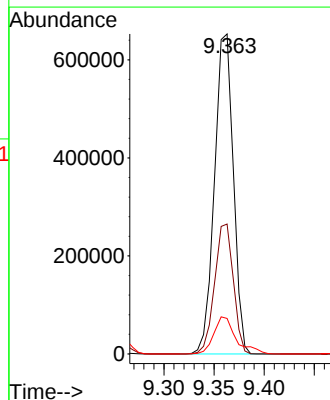
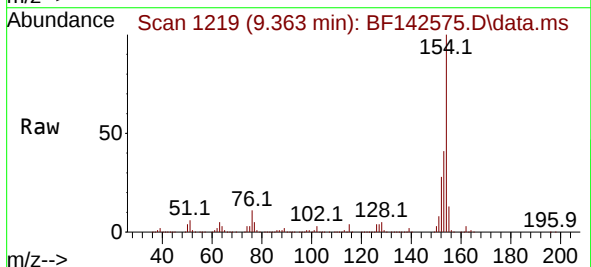
Tgt Ion:154 Resp: 851230

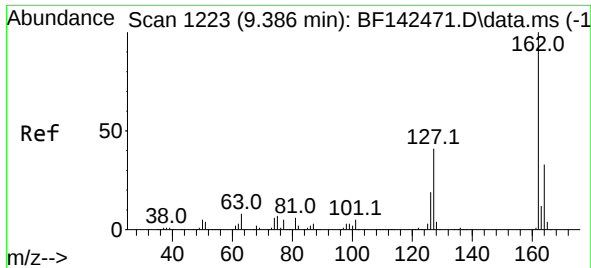
Ion Ratio Lower Upper

154 100

153 40.6 20.4 60.4

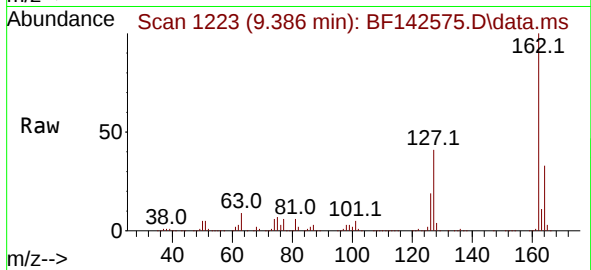
76 11.1 0.0 30.8



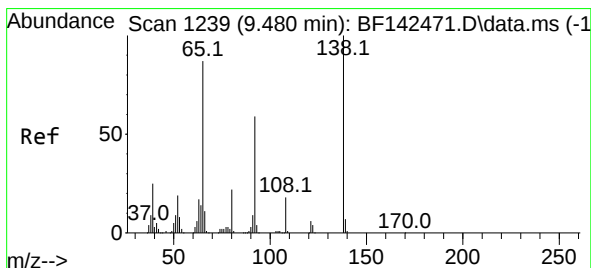
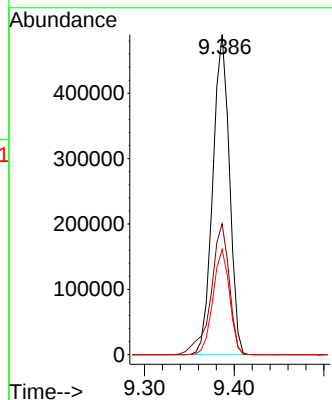
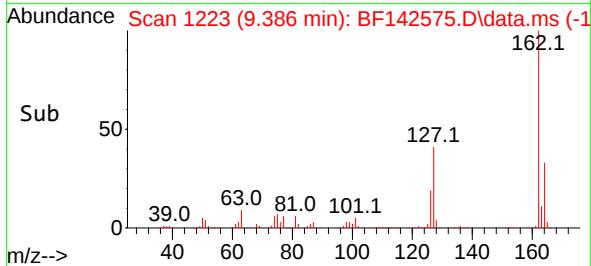


#47
2-Chloronaphthalene
Concen: 45.290 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MS

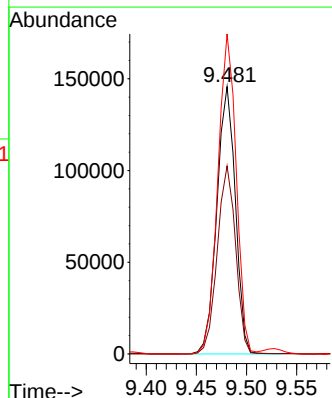
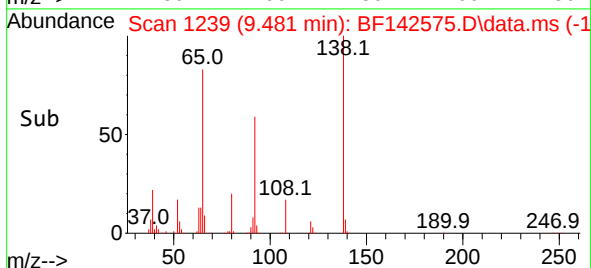
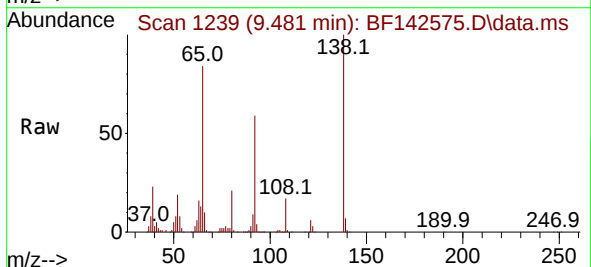


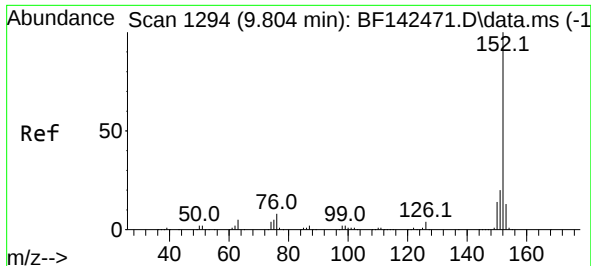
Tgt Ion:162 Resp: 630060
Ion Ratio Lower Upper
162 100
127 40.9 33.5 50.3
164 32.9 26.1 39.1



#48
2-Nitroaniline
Concen: 46.556 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.005 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

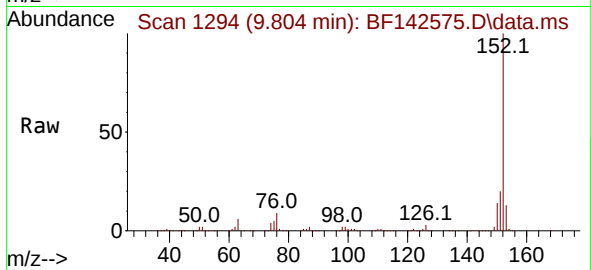
Tgt Ion: 65 Resp: 187208
Ion Ratio Lower Upper
65 100
92 70.3 54.4 81.6
138 119.7 91.4 137.2



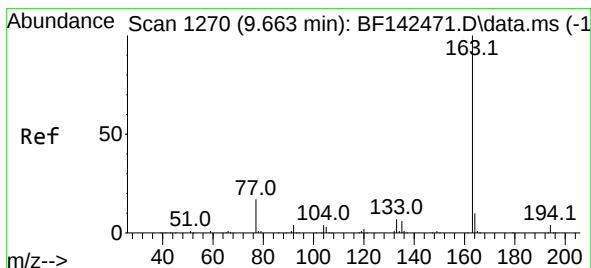
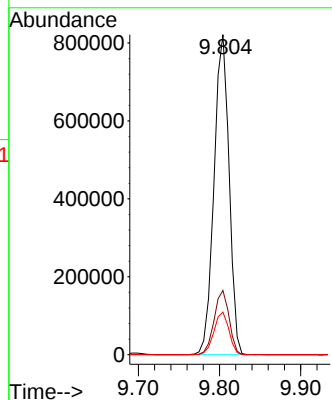
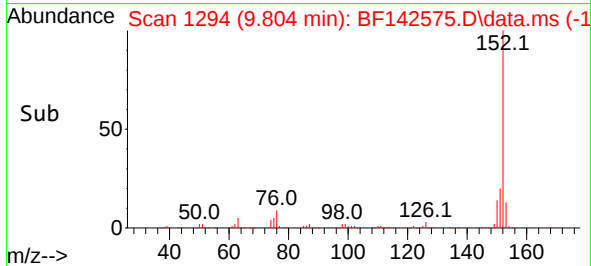


#49
Acenaphthylene
Concen: 44.979 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

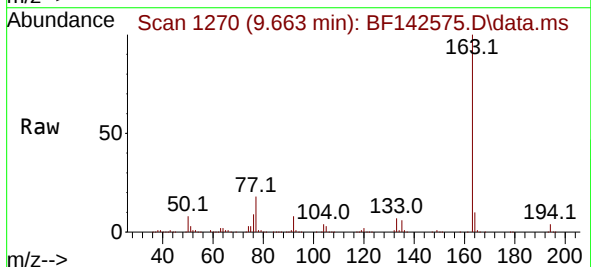
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MS



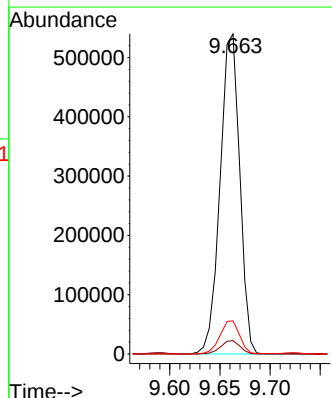
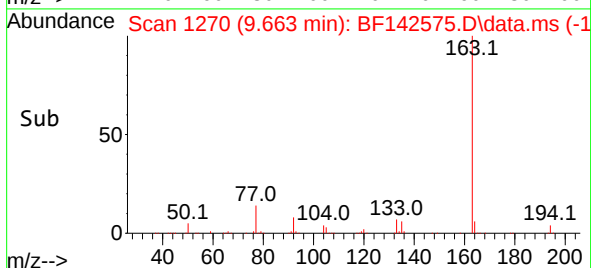
Tgt Ion:152 Resp: 1056597
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.3 10.6 15.8

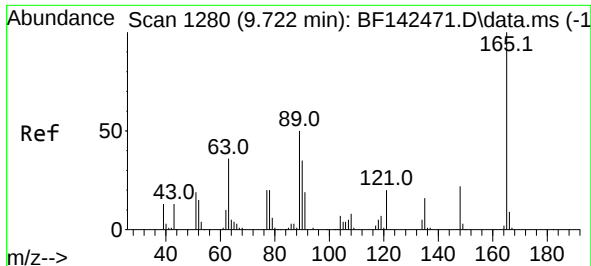


#50
Dimethylphthalate
Concen: 45.799 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47



Tgt Ion:163 Resp: 733448
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.3 8.2 12.4

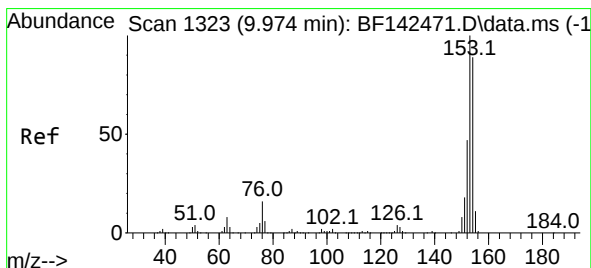
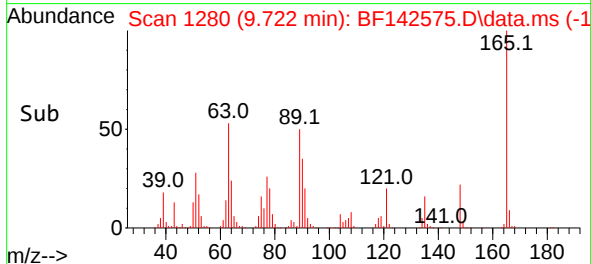
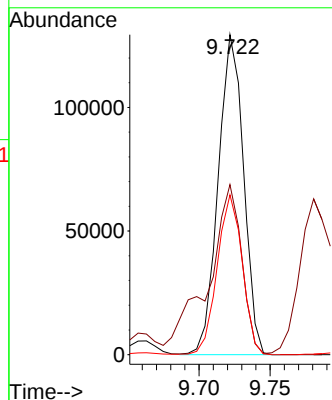
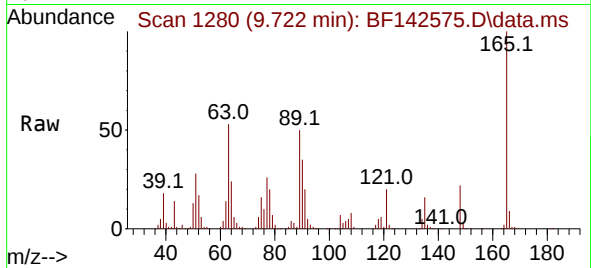




#51
2,6-Dinitrotoluene
Concen: 46.510 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

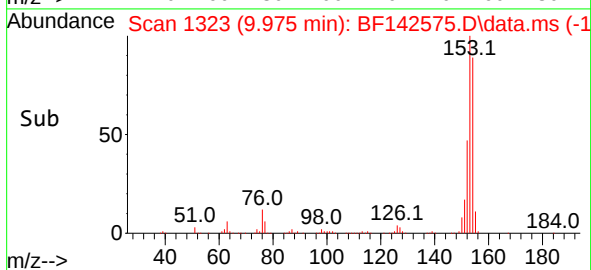
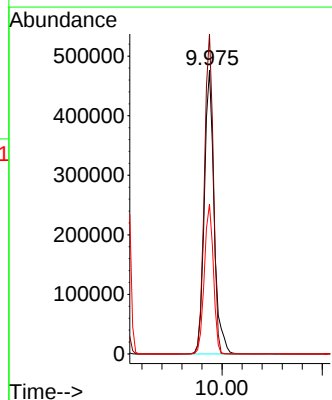
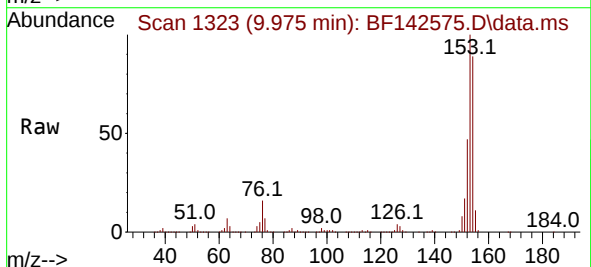
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MS

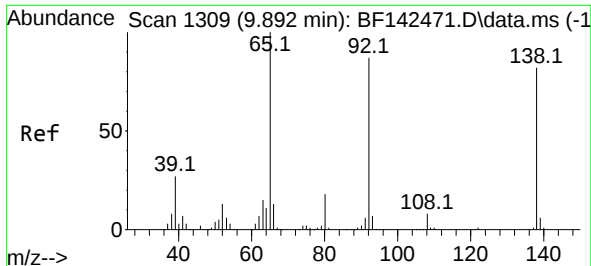
Tgt Ion:165 Resp: 160757
Ion Ratio Lower Upper
165 100
63 53.1 42.9 64.3
89 49.9 40.2 60.4



#52
Acenaphthene
Concen: 45.168 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

Tgt Ion:154 Resp: 647899
Ion Ratio Lower Upper
154 100
153 112.8 90.0 135.0
152 52.8 42.6 64.0

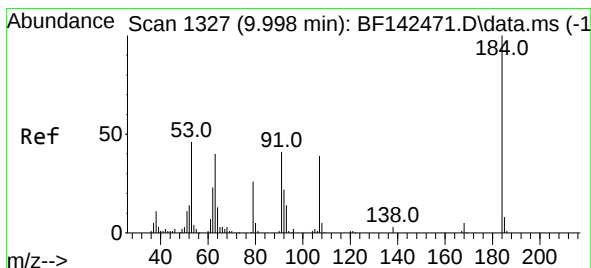
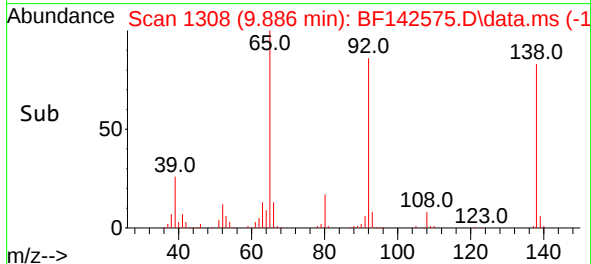
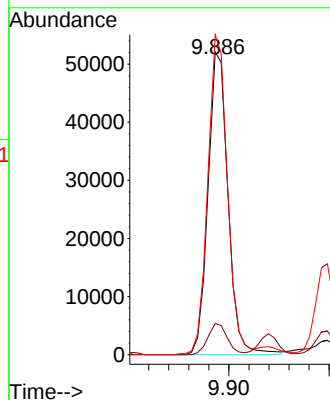
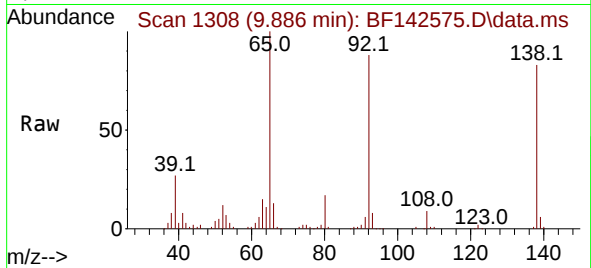




#53
3-Nitroaniline
Concen: 19.129 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

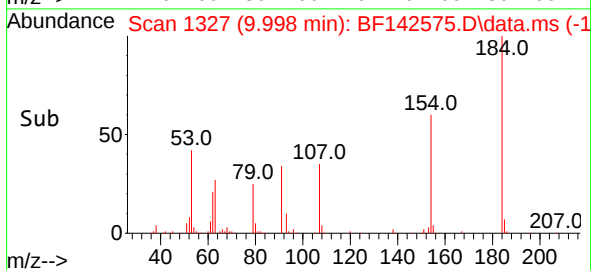
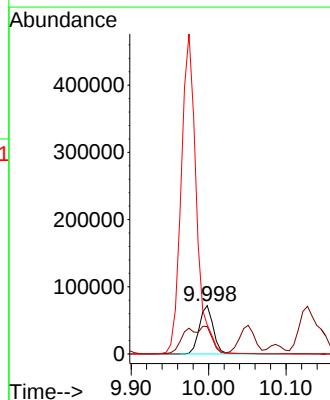
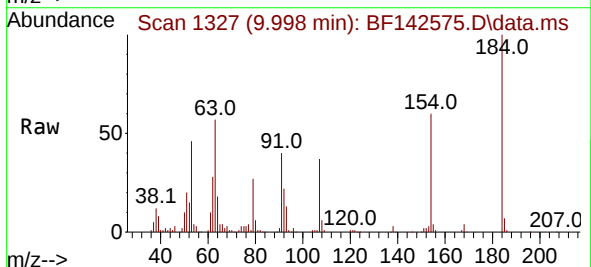
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MS

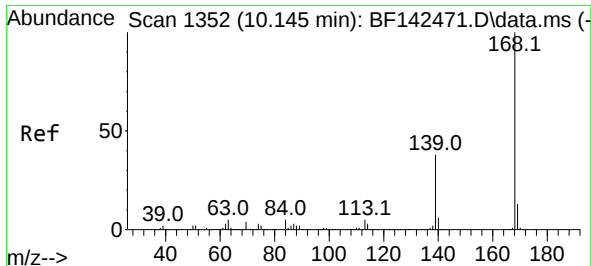
Tgt Ion:138 Resp: 72217
Ion Ratio Lower Upper
138 100
108 10.3 8.1 12.1
92 105.7 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 50.908 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

Tgt Ion:184 Resp: 90906
Ion Ratio Lower Upper
184 100
63 56.8 46.3 69.5
154 60.0 56.8 85.2

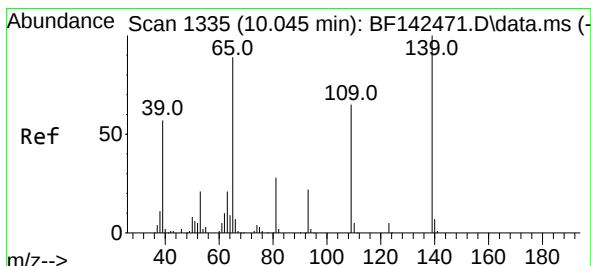
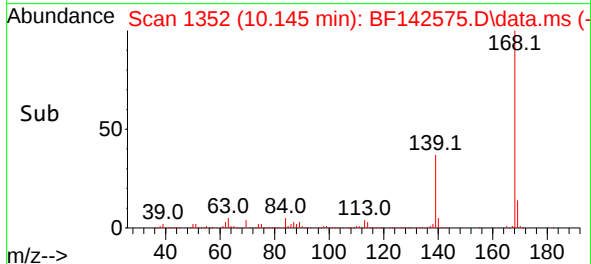
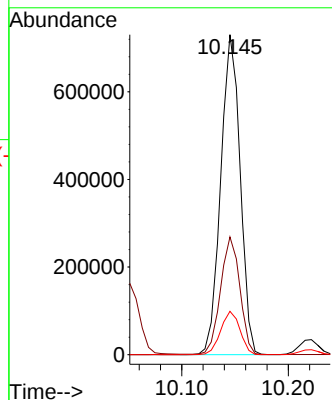
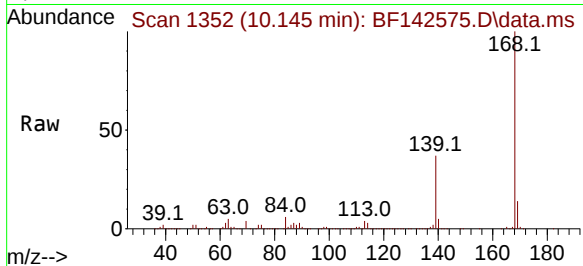




#55
Dibenzofuran
Concen: 44.709 ng
RT: 10.145 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

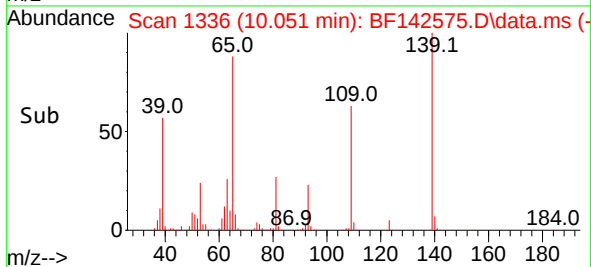
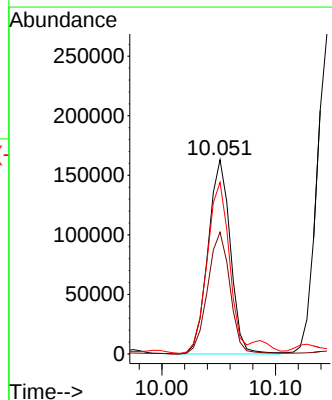
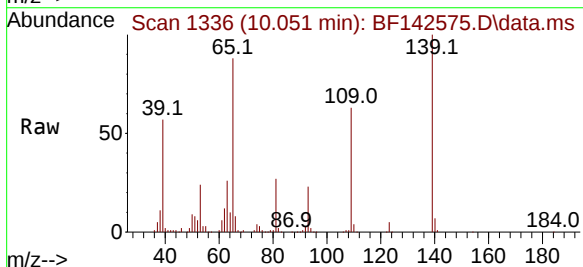
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MS

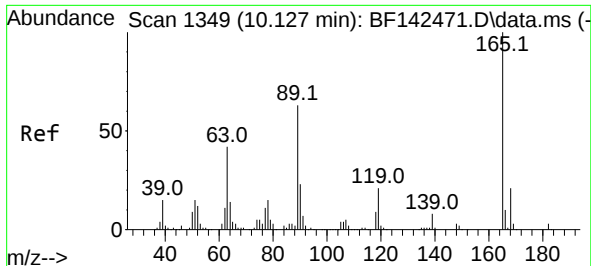
Tgt Ion:168 Resp: 922876
Ion Ratio Lower Upper
168 100
139 36.8 30.2 45.2
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 80.015 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

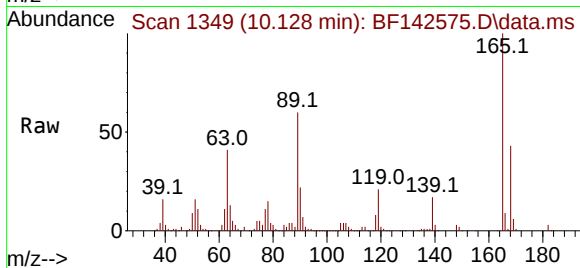
Tgt Ion:139 Resp: 222884
Ion Ratio Lower Upper
139 100
109 62.7 45.1 85.1
65 88.4 69.7 109.7



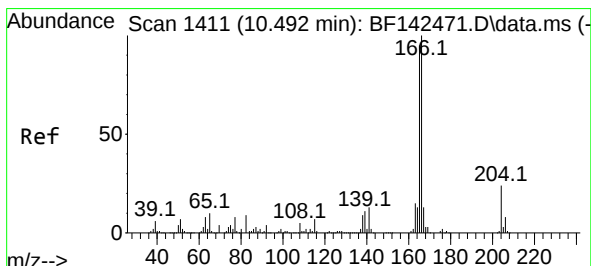
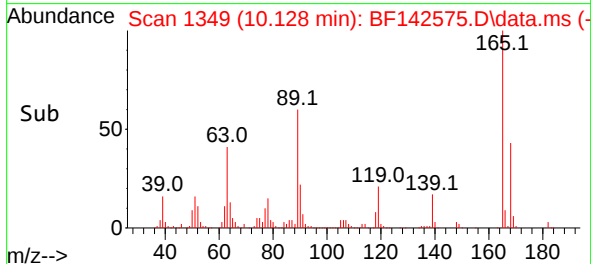
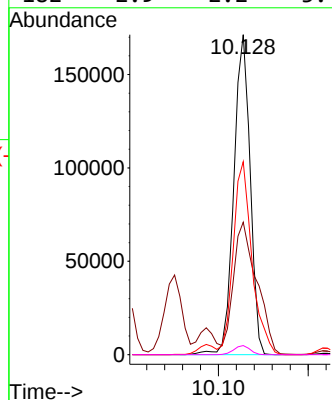


#57
2,4-Dinitrotoluene
Concen: 47.929 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MS

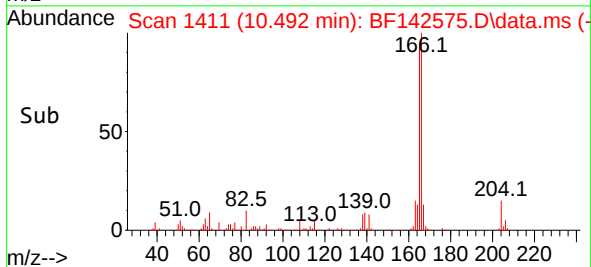
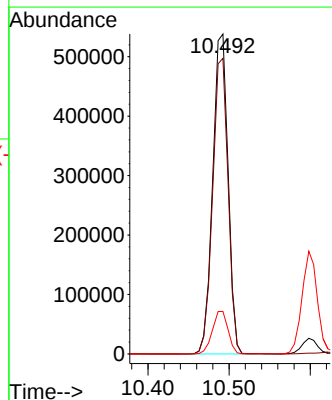
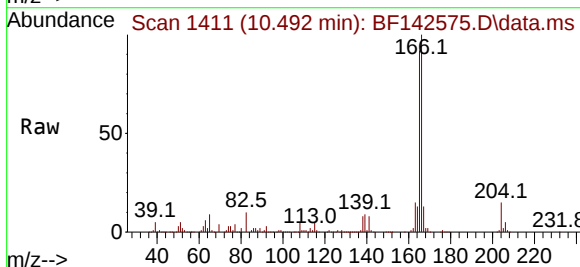


Tgt Ion:	165	Resp:	216349
Ion	Ratio	Lower	Upper
165	100		
63	41.4	33.6	50.4
89	60.3	50.2	75.4
182	2.9	2.2	3.4



#58
Fluorene
Concen: 44.373 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

Tgt Ion:	166	Resp:	707598
Ion	Ratio	Lower	Upper
166	100		
165	92.4	75.8	113.8
167	13.3	10.6	16.0

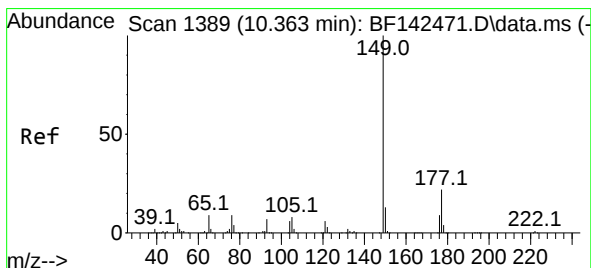
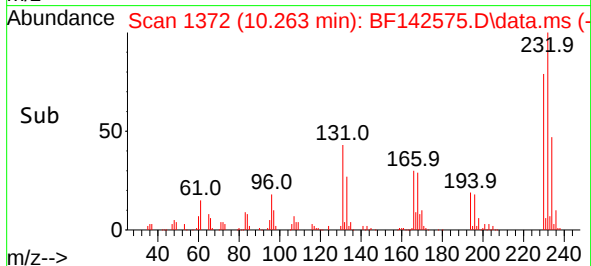
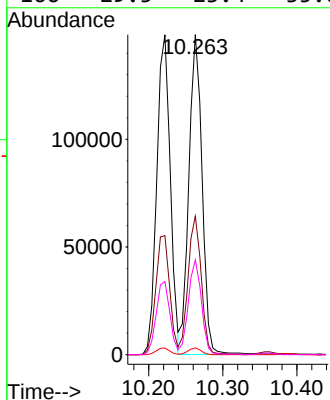
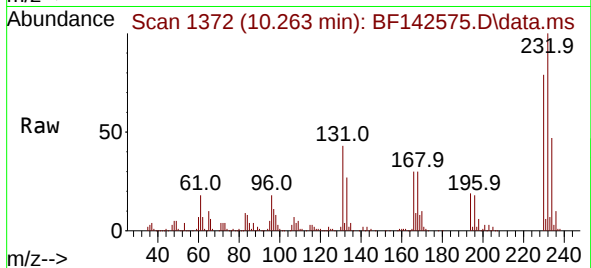




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.446 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

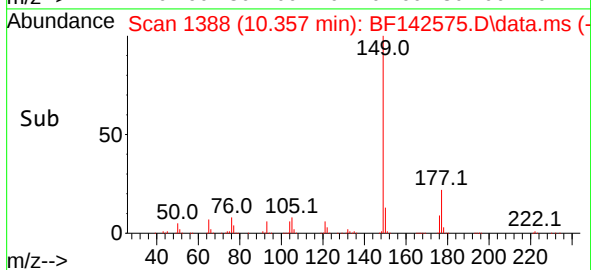
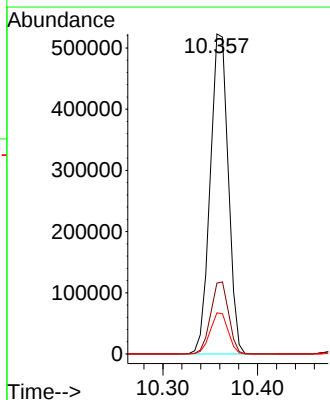
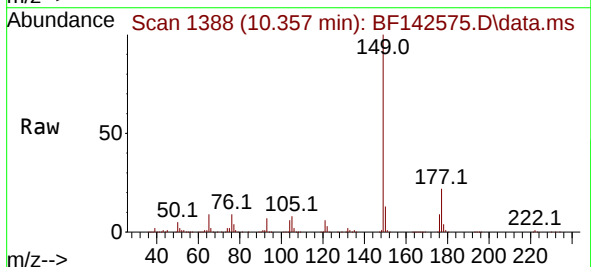
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MS

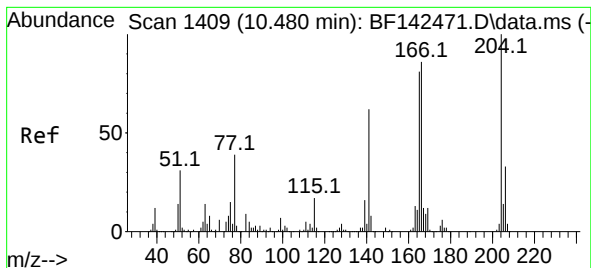
Tgt Ion:232 Resp: 183840
Ion Ratio Lower Upper
232 100
131 43.4 35.2 52.8
130 2.1 1.7 2.5
166 29.5 23.4 35.0



#60
Diethylphthalate
Concen: 44.342 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

Tgt Ion:149 Resp: 693528
Ion Ratio Lower Upper
149 100
177 22.1 17.6 26.4
150 12.9 10.1 15.1

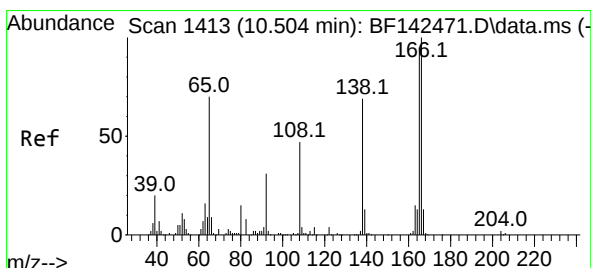
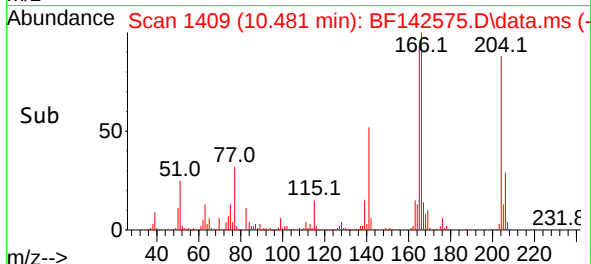
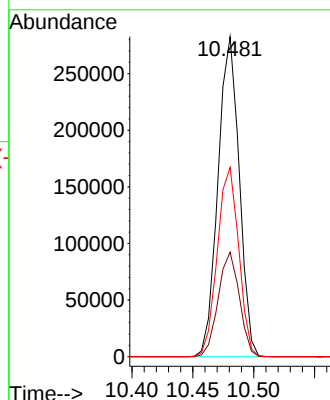
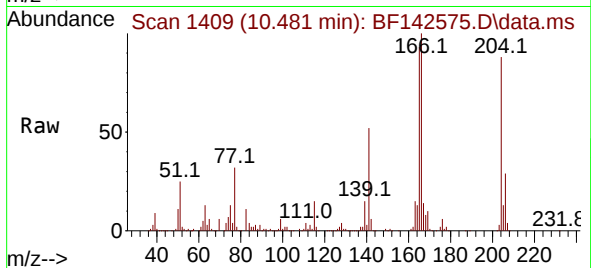




#61
4-Chlorophenyl-phenylether
Concen: 43.800 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.005 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

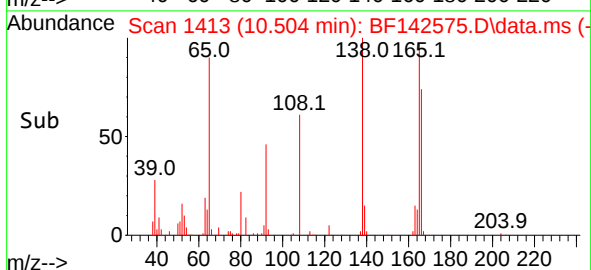
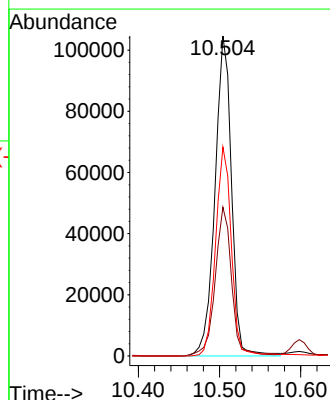
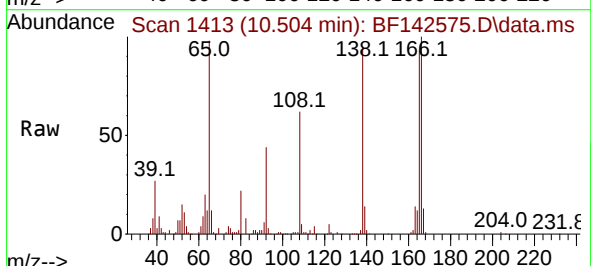
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MS

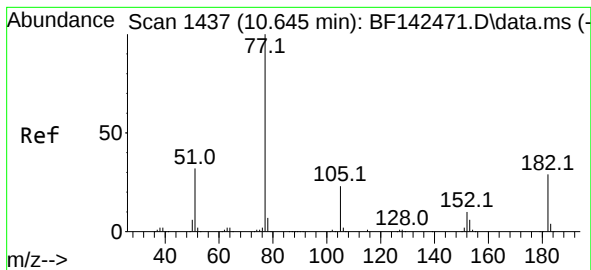
Tgt Ion:204 Resp: 343117
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 59.2 49.5 74.3



#62
4-Nitroaniline
Concen: 43.369 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

Tgt Ion:138 Resp: 148490
Ion Ratio Lower Upper
138 100
92 46.5 26.0 66.0
108 65.3 48.4 88.4

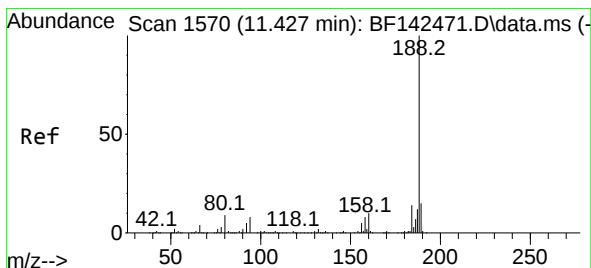
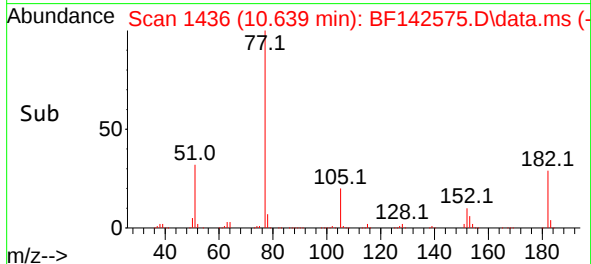
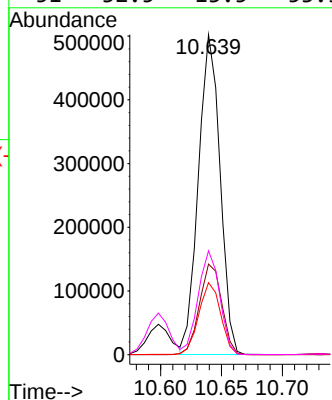
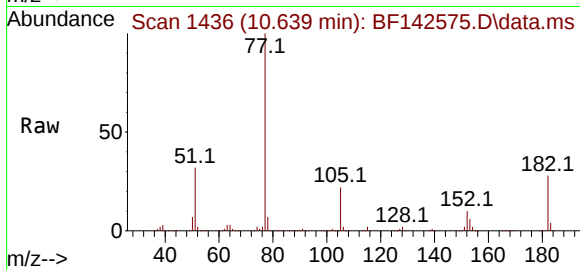




#63
Azobenzene
Concen: 44.273 ng
RT: 10.639 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

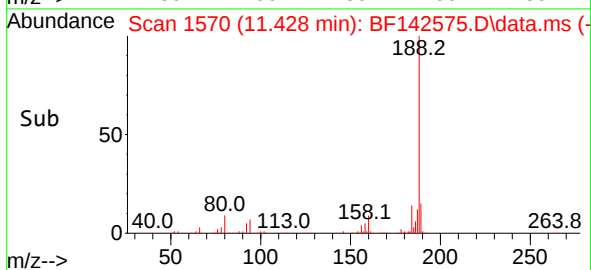
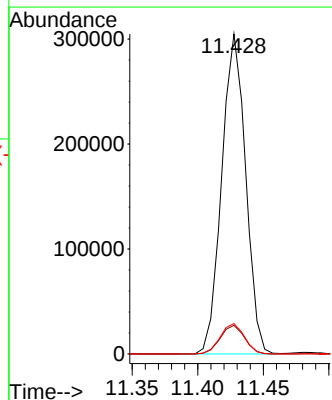
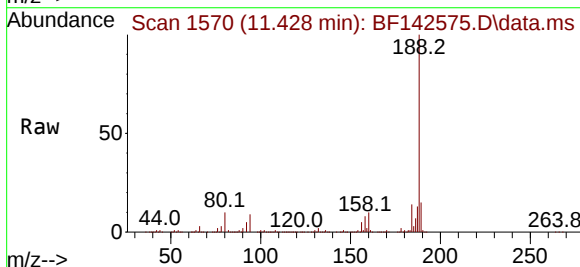
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MS

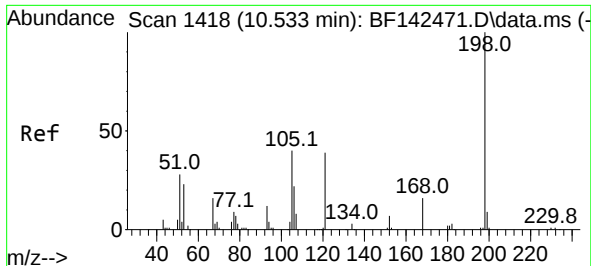
Tgt Ion: 77	Resp: 621944
Ion Ratio	Lower Upper
77 100	
182 28.3	9.0 49.0
105 22.5	2.4 42.4
51 32.5	13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

Tgt Ion:188	Resp: 386820
Ion Ratio	Lower Upper
188 100	
94 9.0	6.6 10.0
80 9.5	7.4 11.0

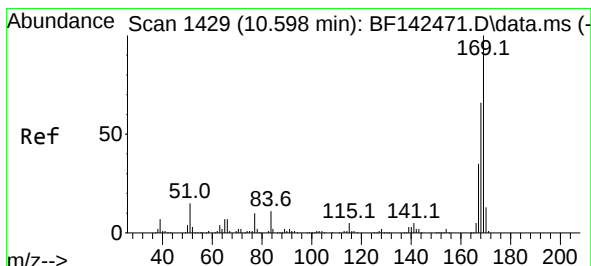
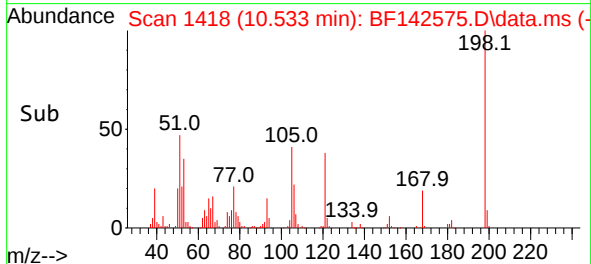
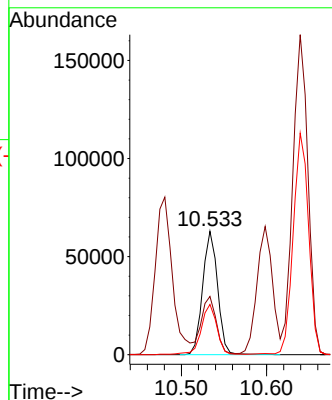
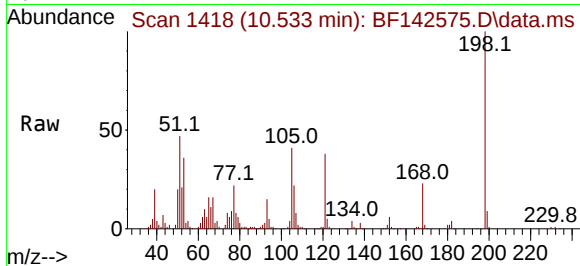




#65
4,6-Dinitro-2-methylphenol
Concen: 35.532 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

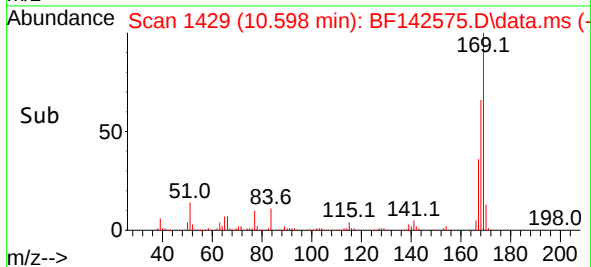
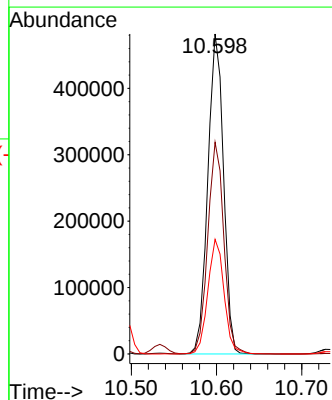
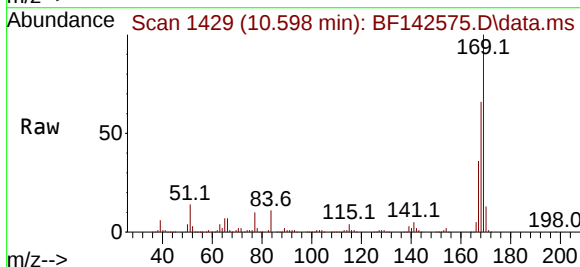
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MS

Tgt Ion:198 Resp: 76704
Ion Ratio Lower Upper
198 100
51 47.2 28.3 68.3
105 40.7 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 46.558 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

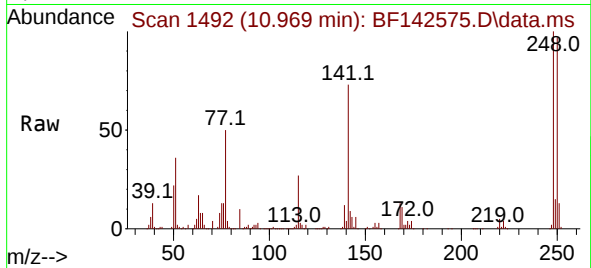
Tgt Ion:169 Resp: 616149
Ion Ratio Lower Upper
169 100
168 66.2 52.7 79.1
167 35.8 28.3 42.5



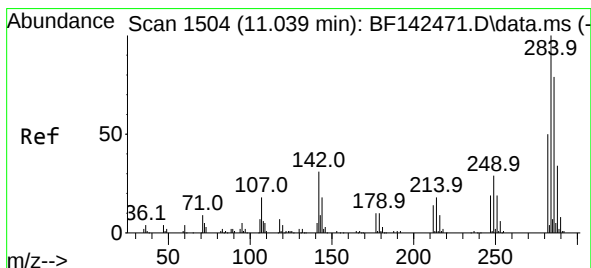
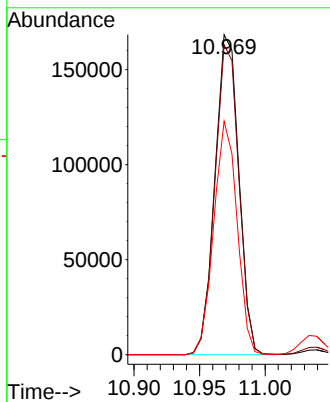
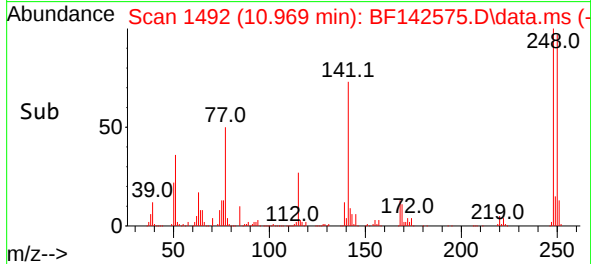


#67
4-Bromophenyl-phenylether
Concen: 46.686 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

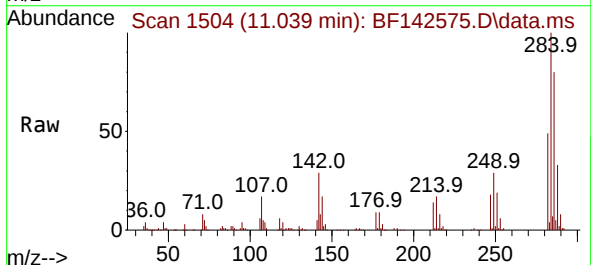
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MS



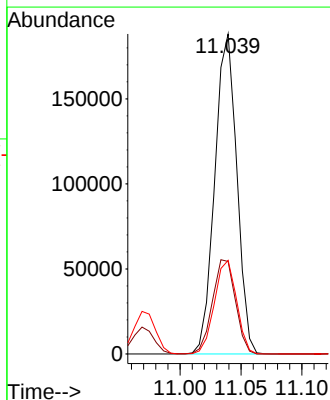
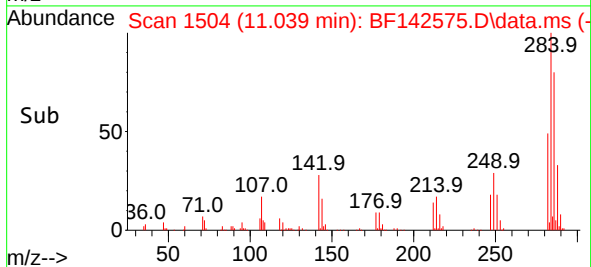
Tgt Ion:248 Resp: 213536
Ion Ratio Lower Upper
248 100
250 96.8 79.0 118.4
141 72.9 58.4 87.6

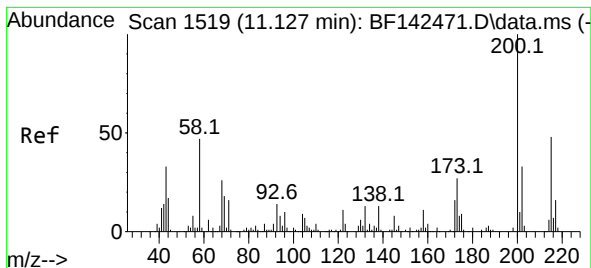


#68
Hexachlorobenzene
Concen: 46.861 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47



Tgt Ion:284 Resp: 237061
Ion Ratio Lower Upper
284 100
142 28.9 24.8 37.2
249 29.2 23.6 35.4





#69

Atrazine

Concen: 52.059 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.005 min

Lab File: BF142575.D

Acq: 30 May 2025 17:47

Instrument :

BNA_F

ClientSampleId :

OR-646-COMP-52MS

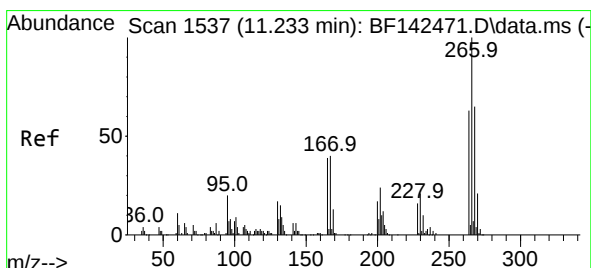
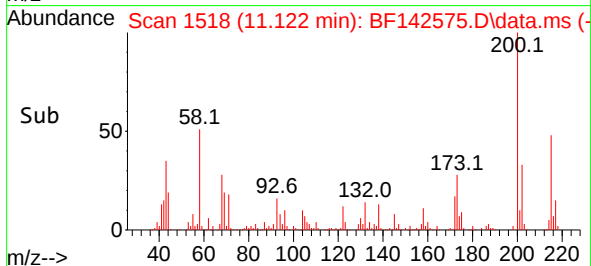
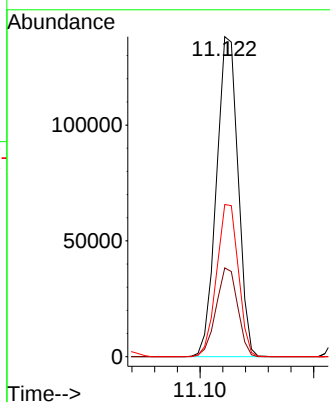
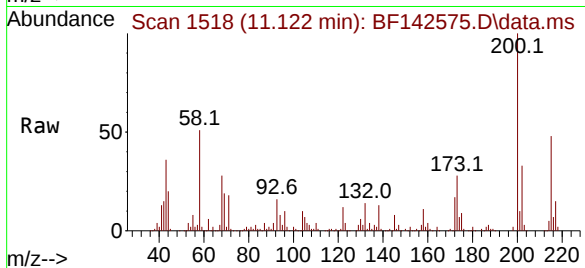
Tgt Ion:200 Resp: 182965

Ion Ratio Lower Upper

200 100

173 27.8 7.4 47.4

215 47.5 28.5 68.5



#70

Pentachlorophenol

Concen: 83.193 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142575.D

Acq: 30 May 2025 17:47

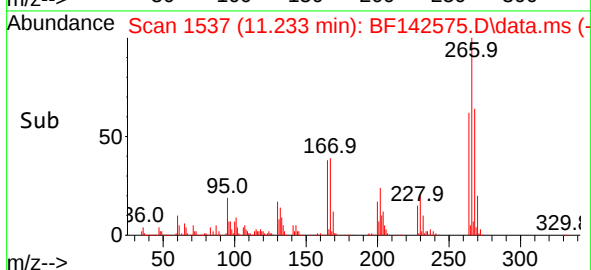
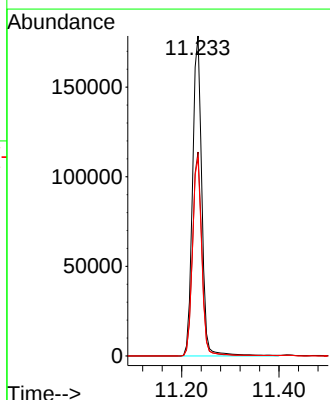
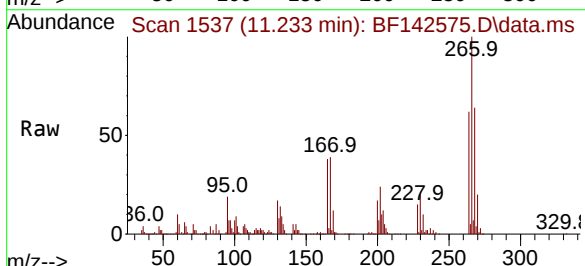
Tgt Ion:266 Resp: 237608

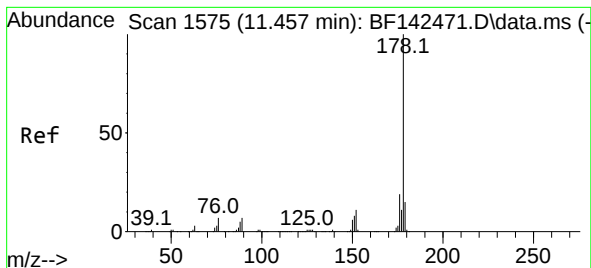
Ion Ratio Lower Upper

266 100

268 63.7 51.7 77.5

264 62.0 50.4 75.6





#71

Phenanthrene

Concen: 45.675 ng

RT: 11.451 min Scan# 1574

Delta R.T. -0.006 min

Lab File: BF142575.D

Acq: 30 May 2025 17:47

Instrument :

BNA_F

ClientSampleId :

OR-646-COMP-52MS

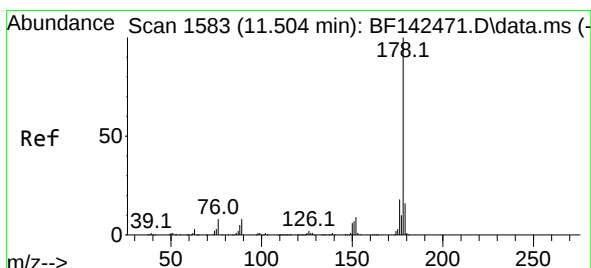
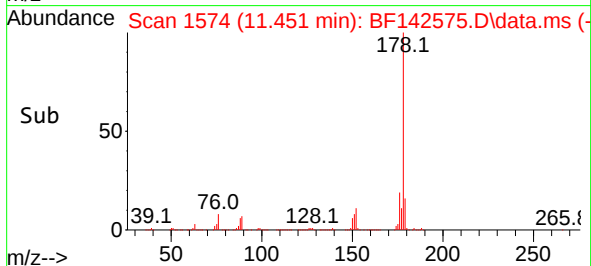
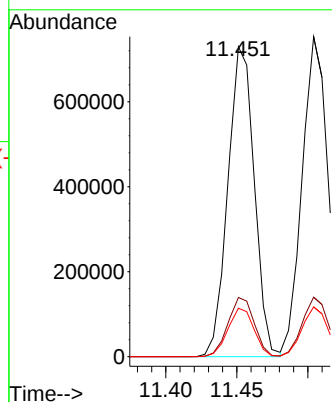
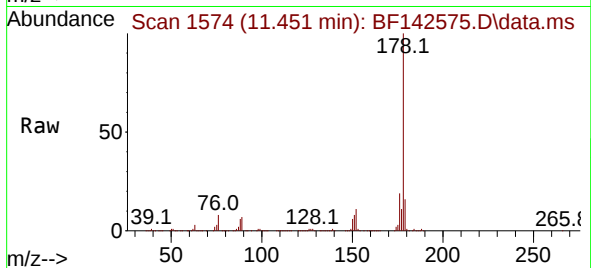
Tgt Ion:178 Resp: 944210

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.6 12.3 18.5



#72

Anthracene

Concen: 44.945 ng

RT: 11.504 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF142575.D

Acq: 30 May 2025 17:47

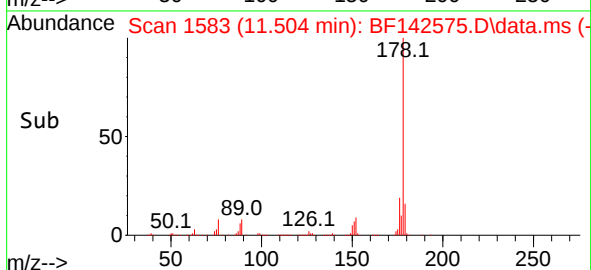
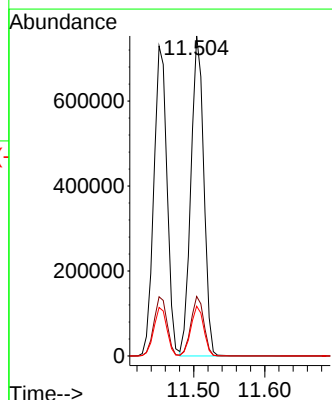
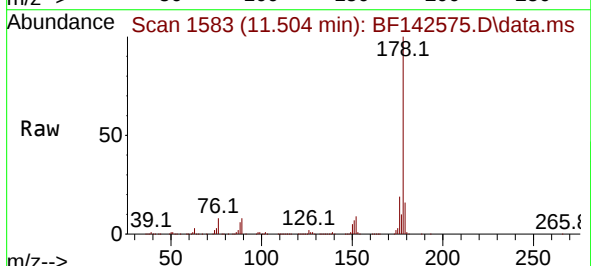
Tgt Ion:178 Resp: 948235

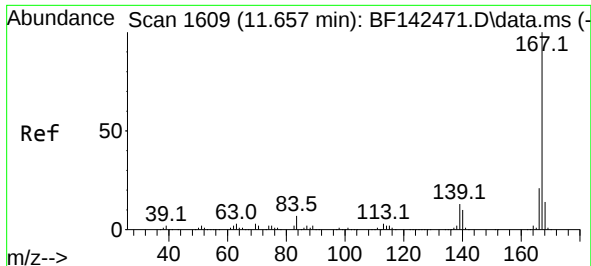
Ion Ratio Lower Upper

178 100

176 18.6 14.6 21.8

179 15.6 12.4 18.6

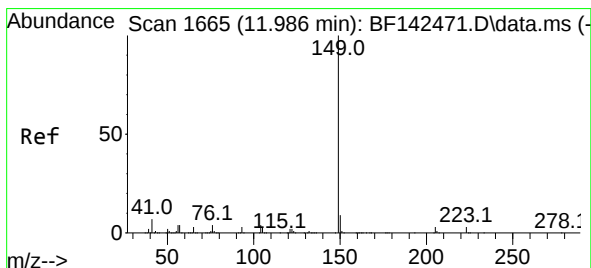
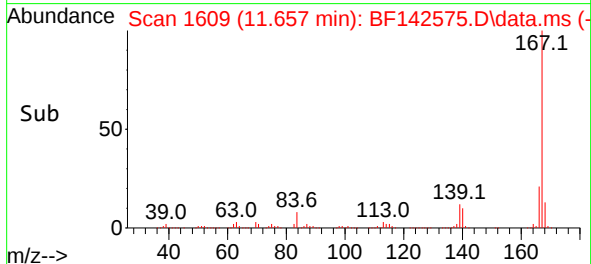
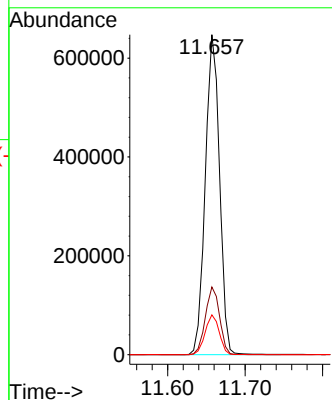
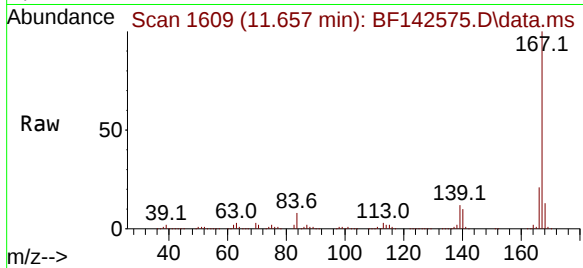




#73
 Carbazole
 Concen: 45.859 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142575.D
 Acq: 30 May 2025 17:47

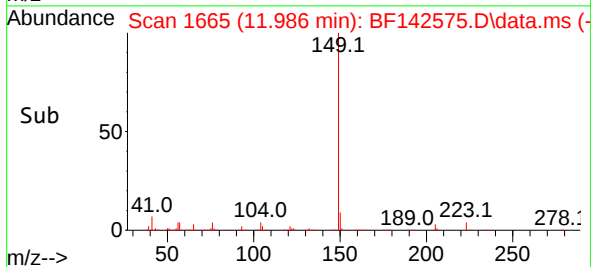
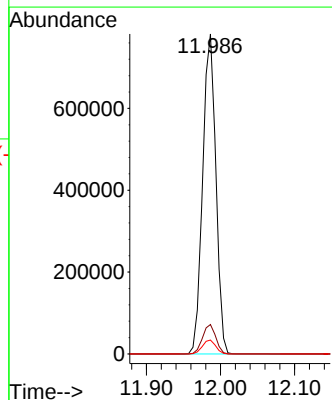
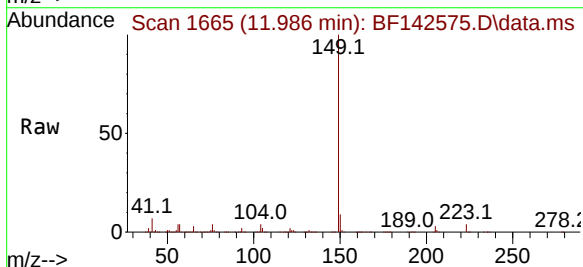
Instrument :
 BNA_F
 ClientSampleId :
 OR-646-COMP-52MS

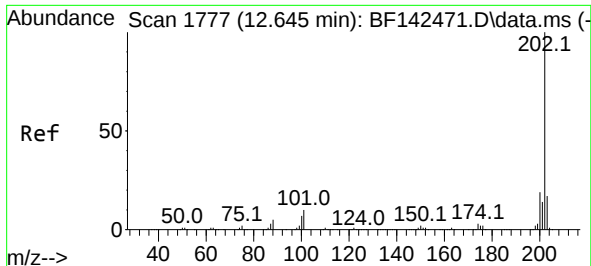
Tgt Ion:167 Resp: 827137
 Ion Ratio Lower Upper
 167 100
 166 21.1 16.9 25.3
 139 12.5 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 48.920 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142575.D
 Acq: 30 May 2025 17:47

Tgt Ion:149 Resp: 965813
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.4 3.6 5.4

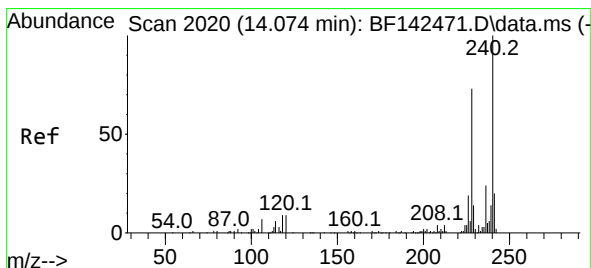
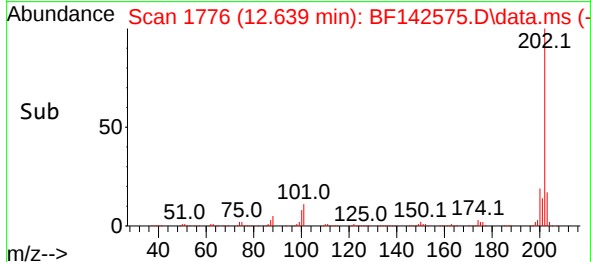
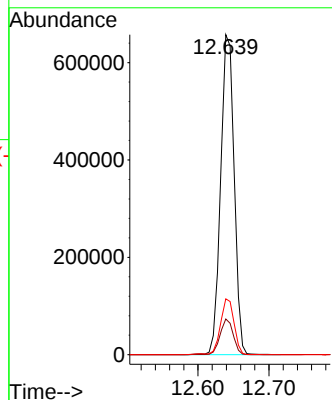
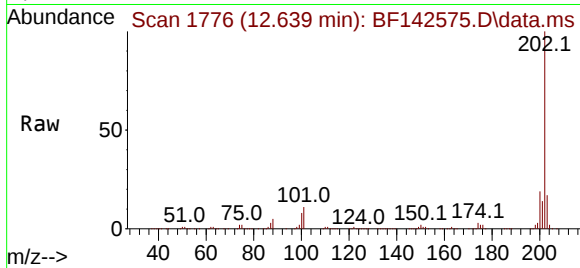




#75
Fluoranthene
Concen: 44.729 ng
RT: 12.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

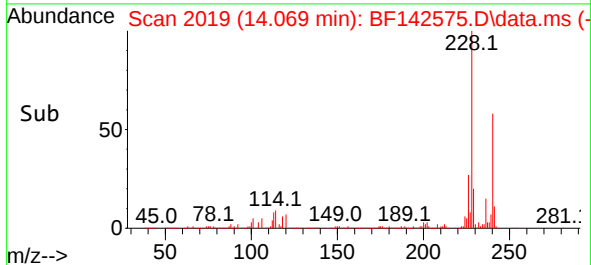
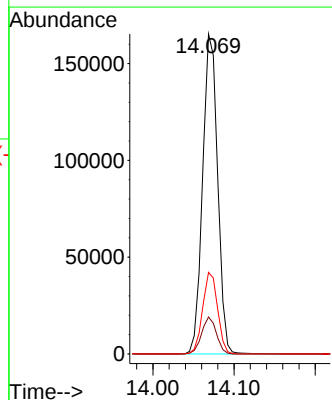
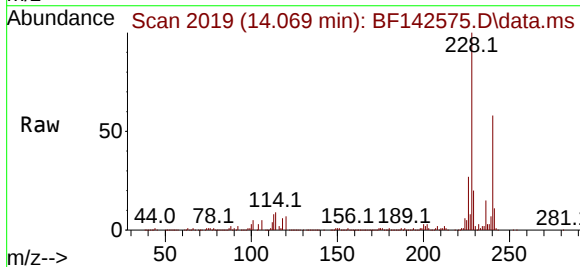
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MS

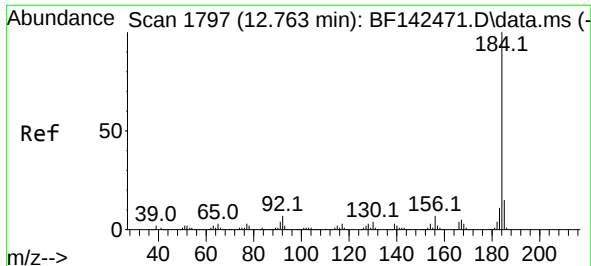
Tgt Ion:202 Resp: 863997
Ion Ratio Lower Upper
202 100
101 11.1 0.0 29.6
203 17.4 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

Tgt Ion:240 Resp: 212085
Ion Ratio Lower Upper
240 100
120 11.6 7.5 11.3#
236 25.5 19.6 29.4

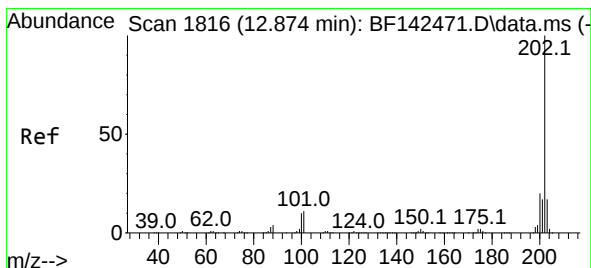
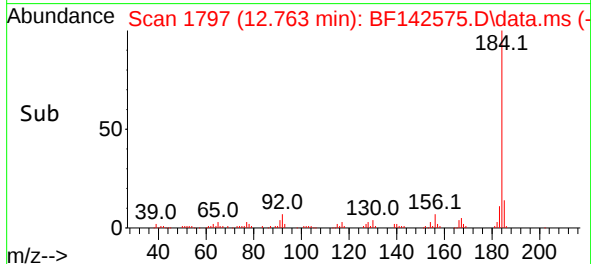
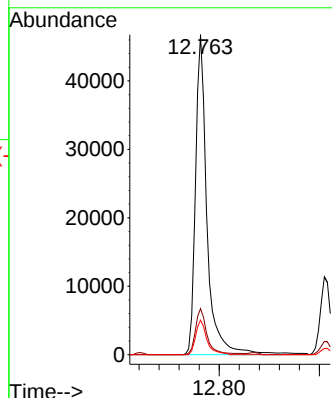
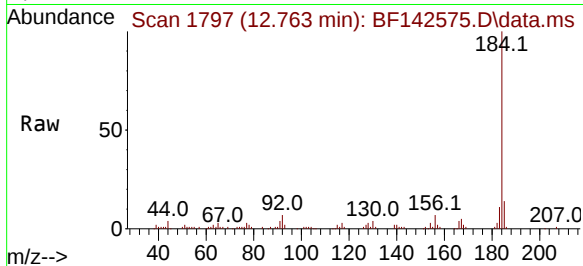




#77
Benzidine
Concen: 9.374 ng
RT: 12.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

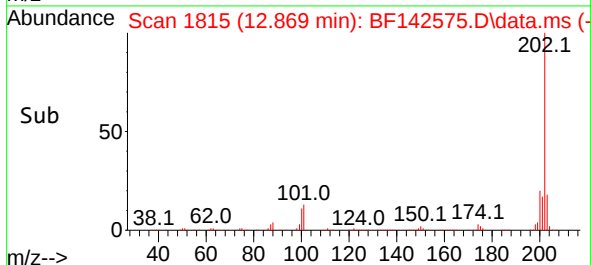
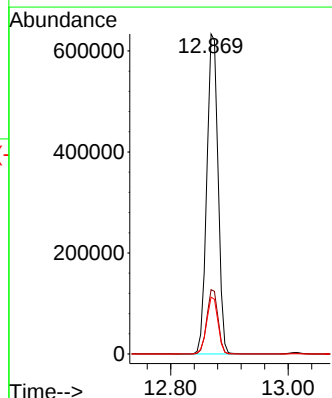
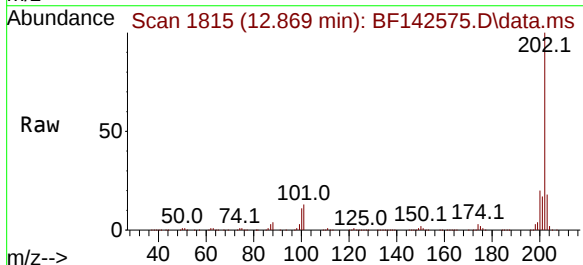
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MS

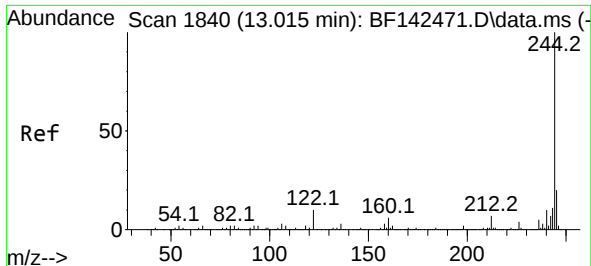
Tgt Ion:184 Resp: 73986
Ion Ratio Lower Upper
184 100
185 14.4 11.6 17.4
183 10.8 9.0 13.4



#78
Pyrene
Concen: 42.679 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

Tgt Ion:202 Resp: 844379
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 17.8 13.9 20.9

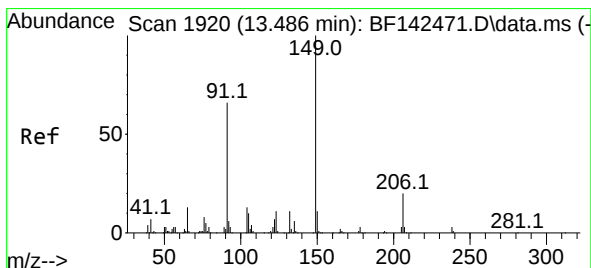
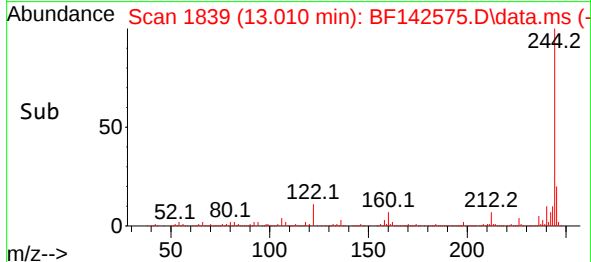
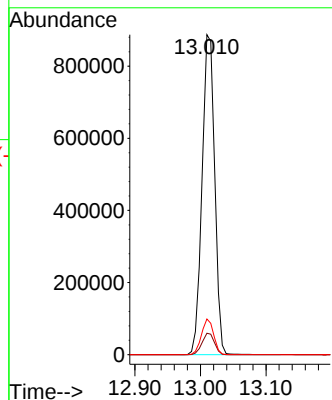
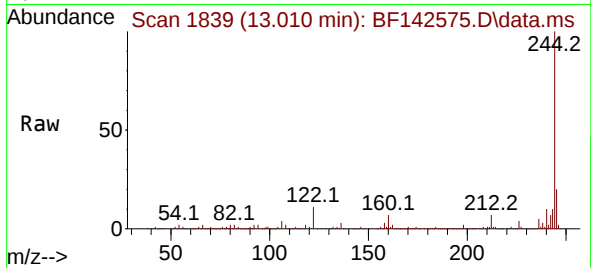




#79
 Terphenyl-d14
 Concen: 76.873 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142575.D
 Acq: 30 May 2025 17:47

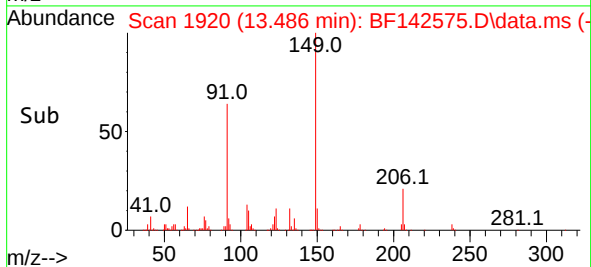
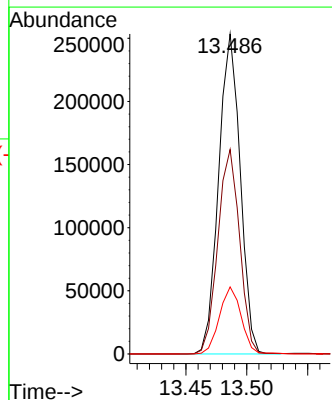
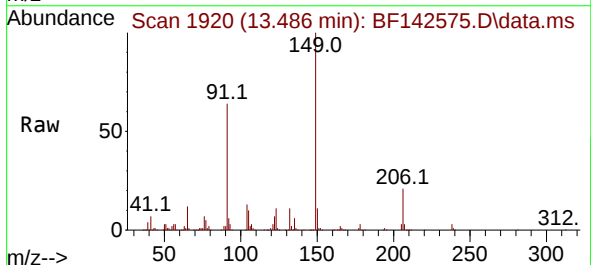
Instrument :
 BNA_F
 ClientSampleId :
 OR-646-COMP-52MS

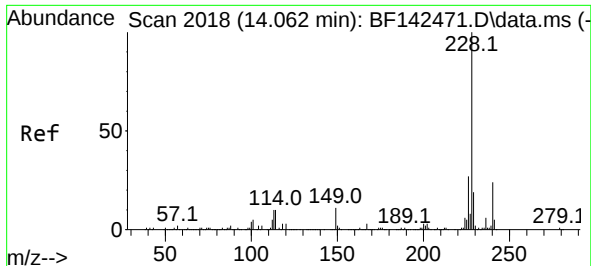
Tgt Ion:244 Resp: 1193056
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.3 7.9
 122 11.2 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 57.171 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142575.D
 Acq: 30 May 2025 17:47

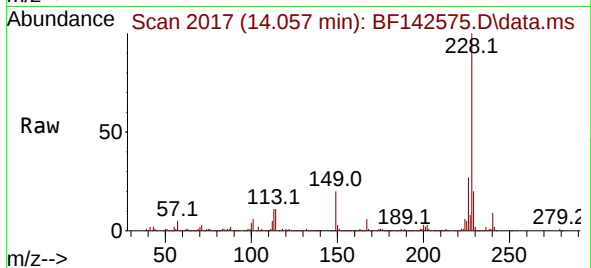
Tgt Ion:149 Resp: 312542
 Ion Ratio Lower Upper
 149 100
 91 63.9 52.9 79.3
 206 21.0 16.2 24.2



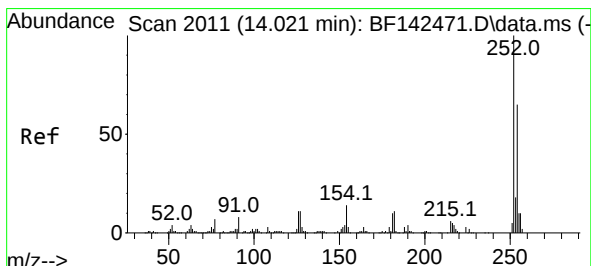
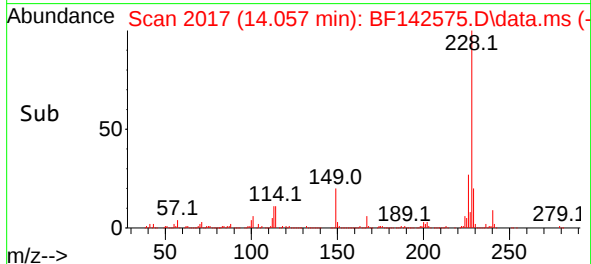
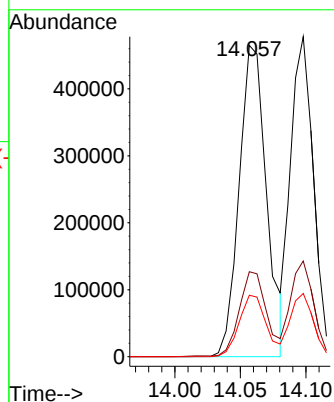


#81
Benzo(a)anthracene
Concen: 47.720 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MS

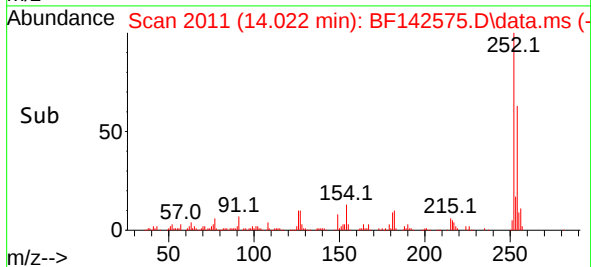
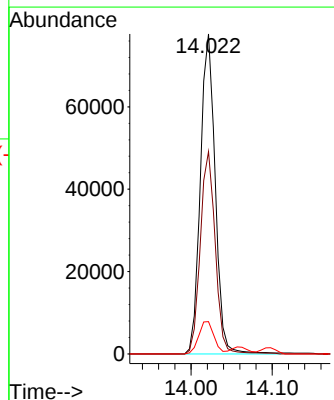
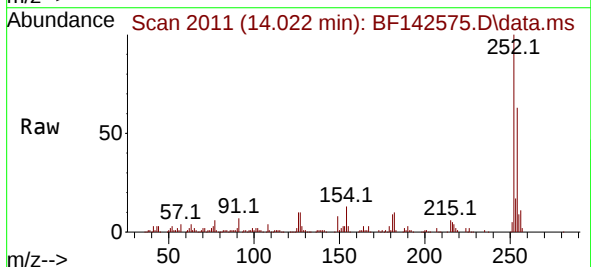


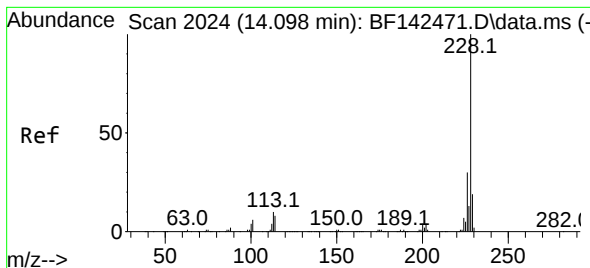
Tgt Ion:228 Resp: 675809
Ion Ratio Lower Upper
228 100
226 27.3 21.2 31.8
229 19.8 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 23.025 ng
RT: 14.022 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

Tgt Ion:252 Resp: 98903
Ion Ratio Lower Upper
252 100
254 63.3 52.0 78.0
126 10.1 8.9 13.3





#83

Chrysene

Concen: 45.546 ng

RT: 14.098 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF142575.D

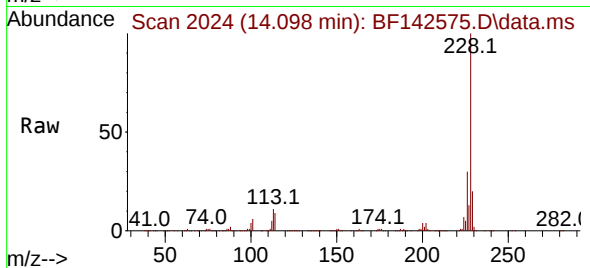
Acq: 30 May 2025 17:47

Instrument :

BNA_F

ClientSampleId :

OR-646-COMP-52MS



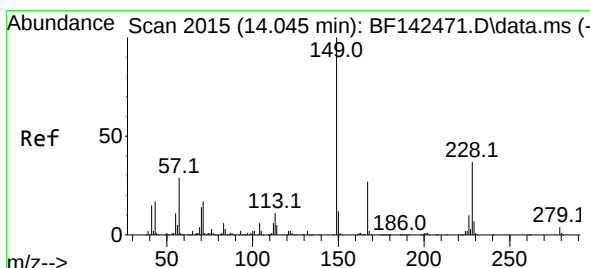
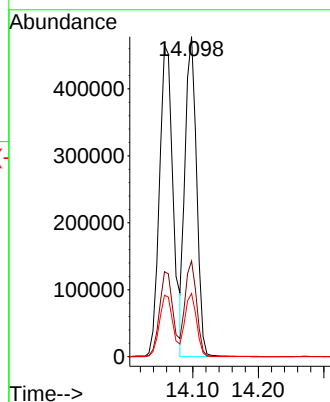
Tgt Ion:228 Resp: 579589

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.6

229 19.7 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.313 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142575.D

Acq: 30 May 2025 17:47

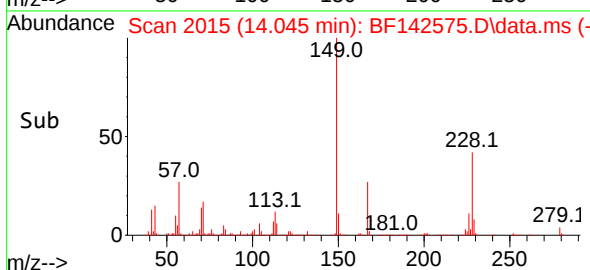
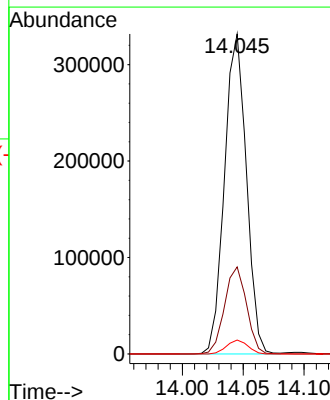
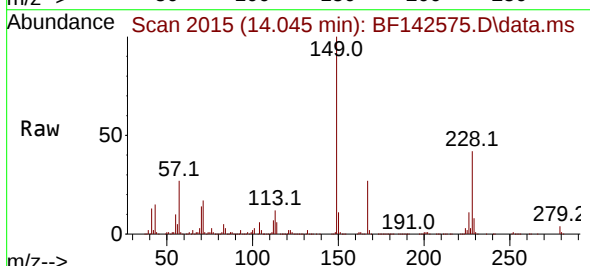
Tgt Ion:149 Resp: 415089

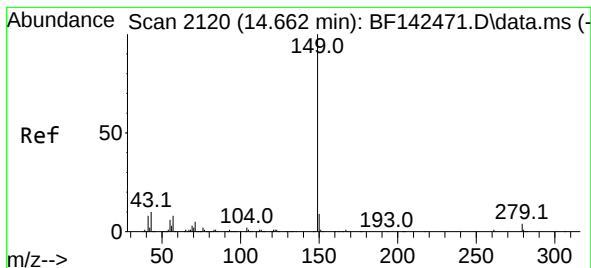
Ion Ratio Lower Upper

149 100

167 27.2 21.5 32.3

279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 51.700 ng

RT: 14.657 min Scan# 21

Delta R.T. -0.011 min

Lab File: BF142575.D

Acq: 30 May 2025 17:47

Instrument :

BNA_F

ClientSampleId :

OR-646-COMP-52MS

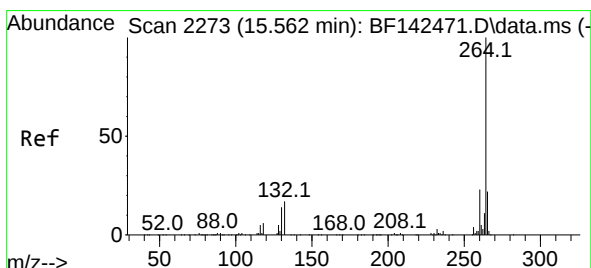
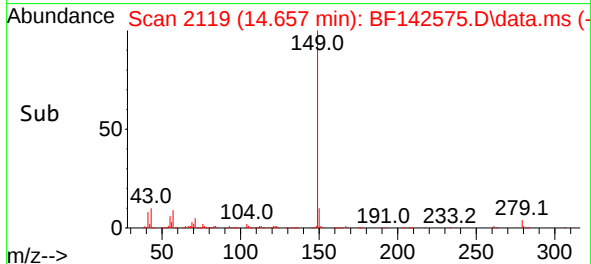
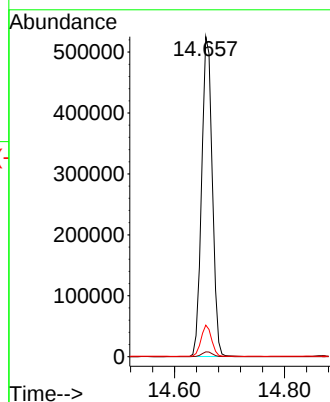
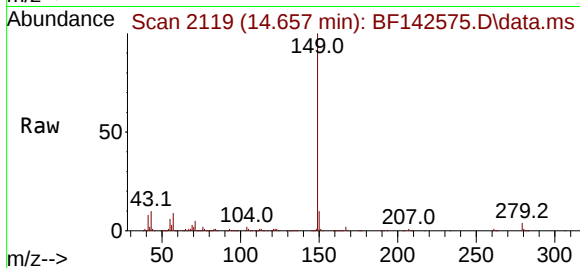
Tgt Ion:149 Resp: 707460

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.5 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: BF142575.D

Acq: 30 May 2025 17:47

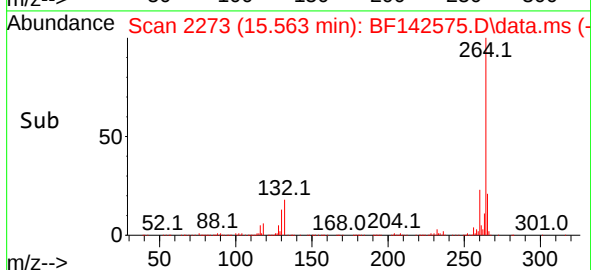
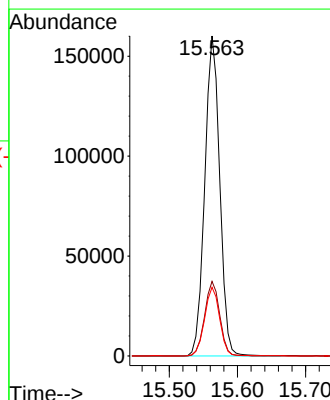
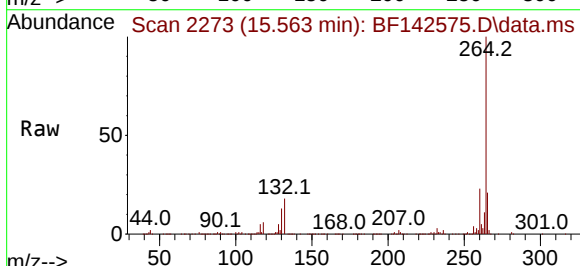
Tgt Ion:264 Resp: 244380

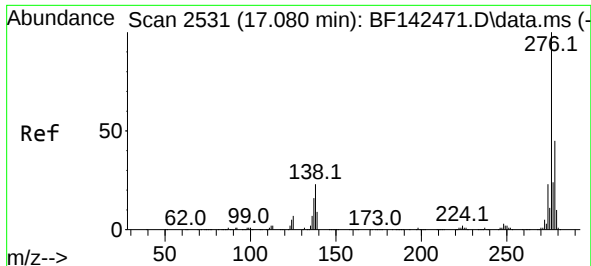
Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

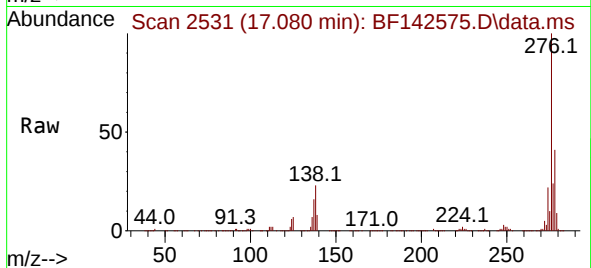
265 21.5 17.7 26.5



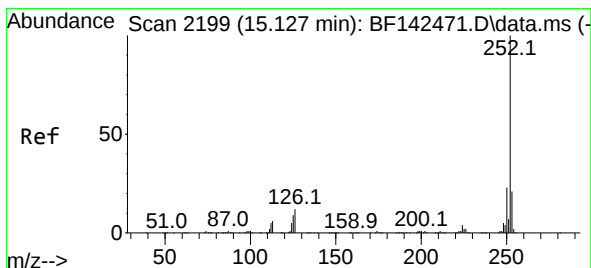
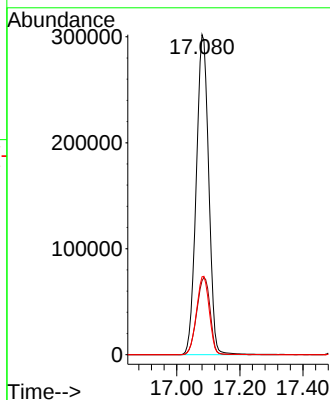
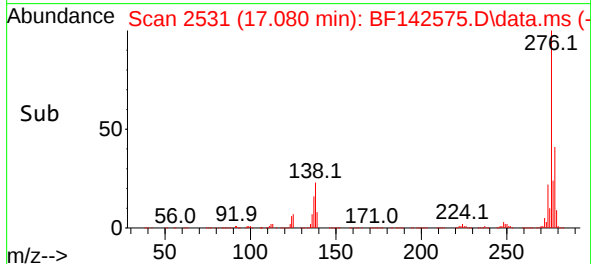


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.121 ng
 RT: 17.080 min Scan# 2198
 Delta R.T. -0.012 min
 Lab File: BF142575.D
 Acq: 30 May 2025 17:47

Instrument :
 BNA_F
 ClientSampleId :
 OR-646-COMP-52MS

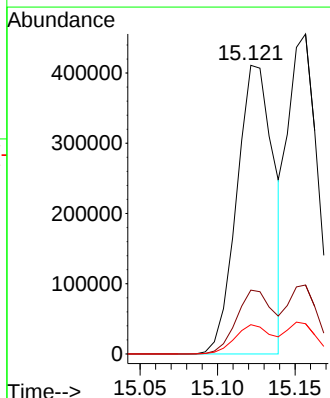
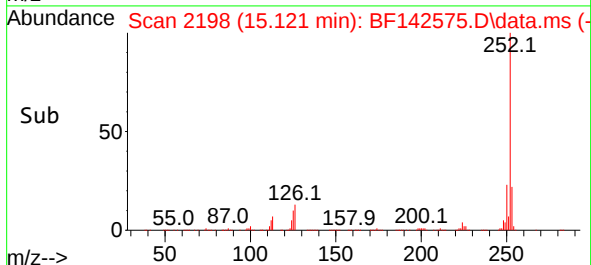
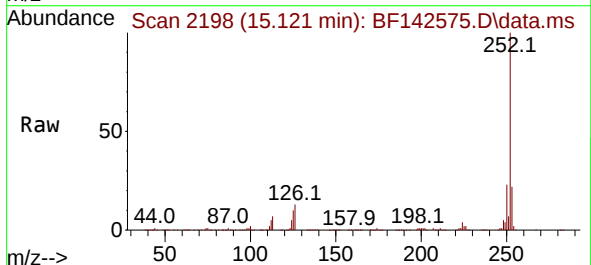


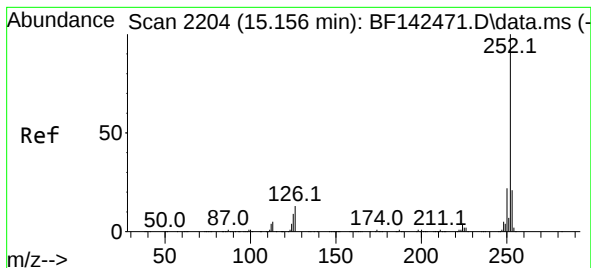
Tgt Ion:276 Resp: 827812
 Ion Ratio Lower Upper
 276 100
 138 25.7 19.9 29.9
 277 25.2 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 47.123 ng
 RT: 15.121 min Scan# 2198
 Delta R.T. -0.006 min
 Lab File: BF142575.D
 Acq: 30 May 2025 17:47

Tgt Ion:252 Resp: 681568
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.0 25.4
 125 10.2 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 44.928 ng

RT: 15.157 min Scan# 2204

Delta R.T. -0.006 min

Lab File: BF142575.D

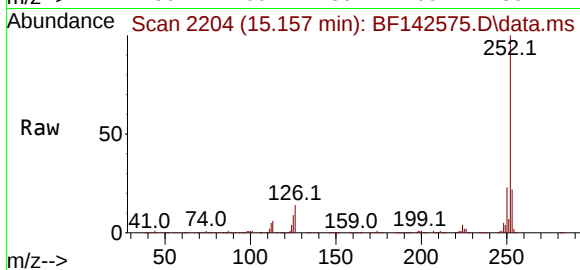
Acq: 30 May 2025 17:47

Instrument :

BNA_F

ClientSampleId :

OR-646-COMP-52MS



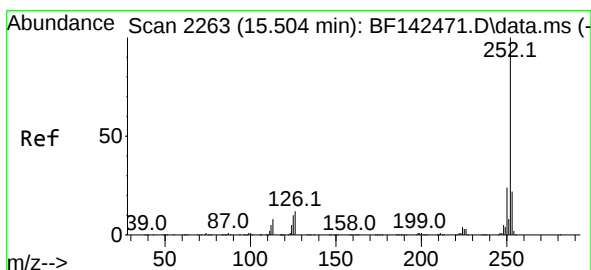
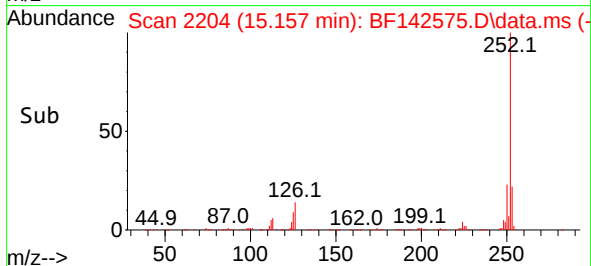
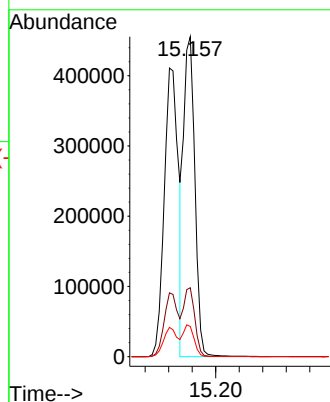
Tgt Ion:252 Resp: 608621

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.4

125 9.4 7.3 10.9



#90

Benzo(a)pyrene

Concen: 47.132 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BF142575.D

Acq: 30 May 2025 17:47

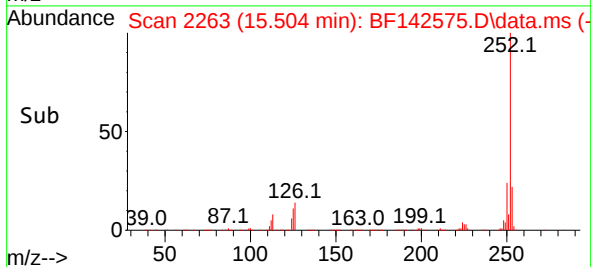
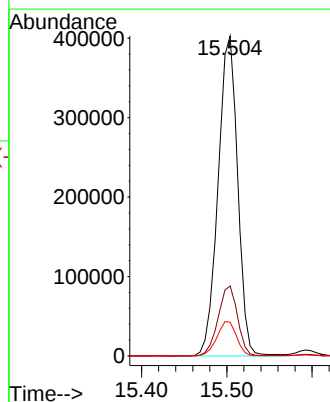
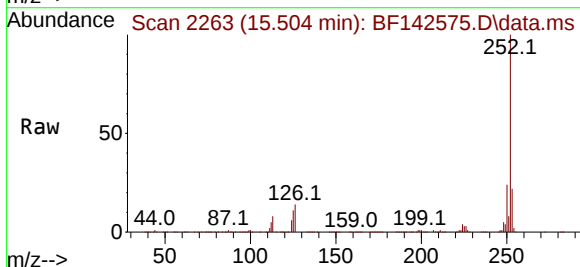
Tgt Ion:252 Resp: 642562

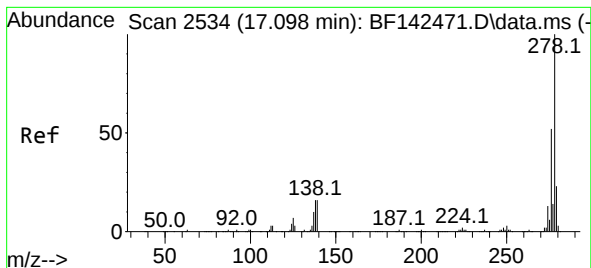
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

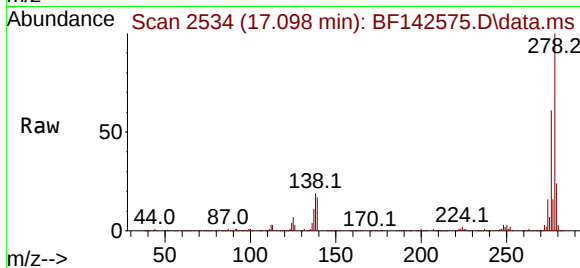
125 10.6 7.9 11.9



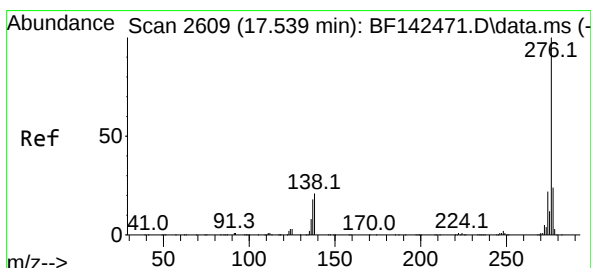
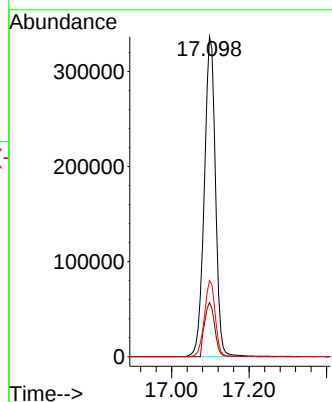
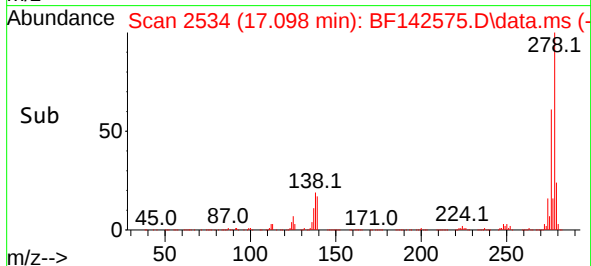


#91
Dibenzo(a,h)anthracene
Concen: 45.296 ng
RT: 17.098 min Scan# 21
Delta R.T. -0.017 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47

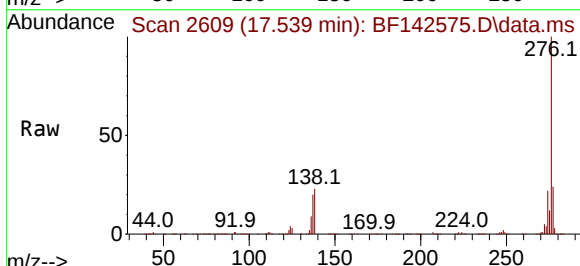
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MS



Tgt Ion:278 Resp: 674007
Ion Ratio Lower Upper
278 100
139 16.9 12.8 19.2
279 23.7 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 44.457 ng
RT: 17.539 min Scan# 2609
Delta R.T. -0.017 min
Lab File: BF142575.D
Acq: 30 May 2025 17:47



Tgt Ion:276 Resp: 661658
Ion Ratio Lower Upper
276 100
277 23.9 19.2 28.8
138 22.8 16.8 25.2

